

Converting Colors

XYZ(81.7544, 88.2544, 96.1878)

Have a look what the booklet for
XYZ(81.7544, 88.2544, 96.1878)
contains.

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Color

**XYZ(81.8321, 88.3759,
95.9643)**

Conversions

Conversions Part 1

Format	Color
Hex	E9F4F1
RGB	233, 244, 241
RGB Percent	91%, 96%, 95%
CMY	0.0863, 0.0431, 0.0549
CMYK	0.05, 0.00, 0.01, 0.04
HSL	164°, 33%, 94%
HSV	164°, 5%, 96%
XYZ	81.8321, 88.3759, 95.9643
YIQ	240.3690, -5.5930, -3.2650

Conversions

Conversions Part 2

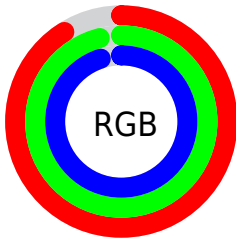
Format	Color
R_{YB}	233, 239, 244
Decimal	15332593
CIE _{Lab}	95.32, -4.16, 0.17
CIE _{LCh}	95, 4.165, 177.601
Yxy	88.3759, 0.3074, 0.3320
Android (android.graphics.Color)	4293522673 (0xFFE9F4F1)
YUV	240.3690, 0.3111, -6.4626
Hunter-Lab	94.0085, -9.1348, 5.2824

Details

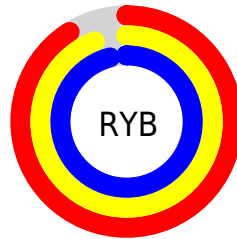
The XYZ color **81.8321, 88.3759, 95.9643** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.5907, 83.5693, 91.1913**, and the grayscale version is **83.1164, 87.4449, 95.2275**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8716, 48.8163, 52.9564** is the 20% darker color. If you saturate the color by 10%, you get **73.4344, 84.1621, 90.4732**, and if you desaturate by 10%, it is **90.4834, 92.7212, 101.6609**.

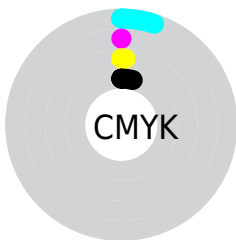
Distribution



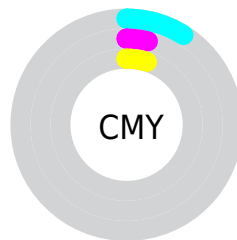
- Red (91%)
- Green (96%)
- Blue (95%)



- Red (91%)
- Yellow (94%)
- Blue (96%)



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (4%)



- Cyan (9%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.8321, 88.3759, 95.9643 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 81.8321, 88.3759, 95.9643 by changing the saturation by 10% instead.

81.8321, 88.3759,
95.9643

81.8321, 88.3759,
95.9643

489.7289,
522.7334, 568.3105

61.5408, 66.6344,
72.3365

134.8756,
145.0804, 157.6032

44.9159, 48.7876,
52.9451

168.3584,
180.8122, 196.4513

31.5922, 34.4510,
37.3715

206.9692,
221.9762, 241.2100

21.2043, 23.2403,
25.1972

251.0732,
268.9568, 292.2978

13.3867, 14.7710,
16.0037

301.0359,
322.1385, 350.1332

7.7742, 8.6589,
9.3724

357.2224,

4.0014, 4.5193,

381.9055, 415.1348

4.8848

419.9983,
448.6424, 487.7210

■ 1.7029, 1.9681,
2.1222

■ 0.4581, 0.5888,
0.6290

■ 81.8321, 88.3759,
95.9643

■ 81.8321, 88.3759,
95.9643

■ 73.4344, 84.1621,
90.4732

■ 90.4834, 92.7212,
101.6609

■ 66.1267, 80.5036,
85.2192

■ 91.5337, 93.1413,
107.1918

■ 59.8632, 77.3792,
80.2000

■ 91.6424, 93.1848,
107.7641

■ 54.5917, 74.7622,
75.4111

■ 50.2556, 72.6233,
70.8477

■ 46.7922, 70.9304,
66.5048

■ 44.1311, 69.6472,
62.3768

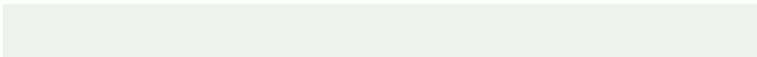
■ 42.1904, 68.7315,
58.4577

■ 40.8701, 68.1317,
54.7406

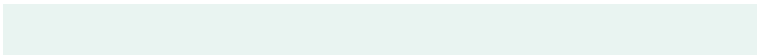
Harmonies

Analogous

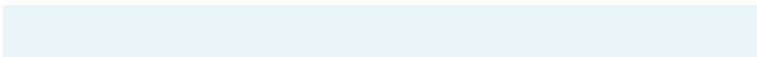
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.1653, 88.3759, 92.9086



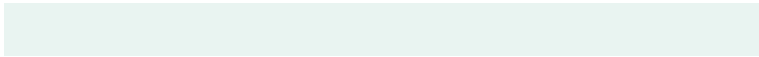
81.8321, 88.3759, 95.9643



82.0751, 88.3759, 99.1579

Triad

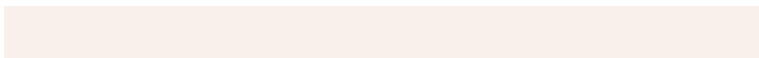
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.8321, 88.3759, 95.9643



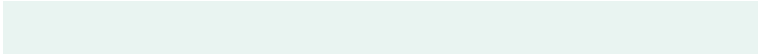
85.0161, 88.3759, 101.8853



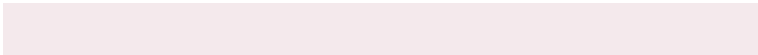
85.1761, 88.3759, 91.0334

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



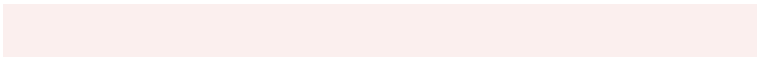
81.8321, 88.3759, 95.9643



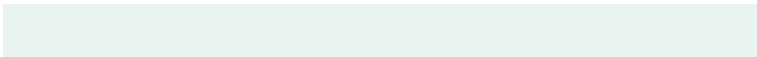
81.5907, 83.5693, 91.1913

Split Complementary

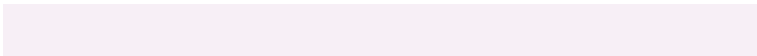
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.9520, 88.3759, 93.3531



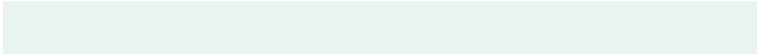
81.8321, 88.3759, 95.9643



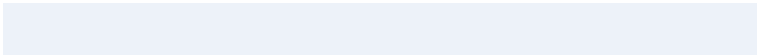
85.8591, 88.3759, 99.6221

Square

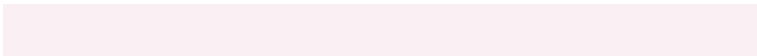
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.8321, 88.3759, 95.9643



83.9071, 88.3759, 102.6220



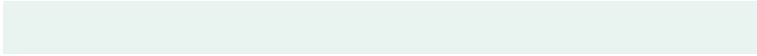
86.2031, 88.3759, 96.4888



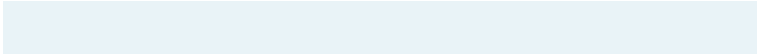
84.0903, 88.3759, 90.1021

Rectangle

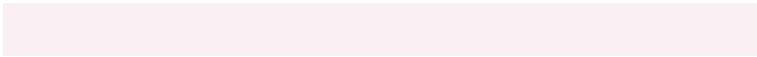
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



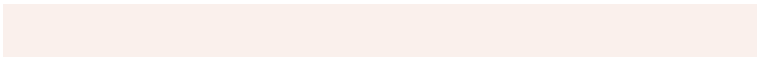
81.8321, 88.3759, 95.9643



82.5323, 88.3759, 100.9269



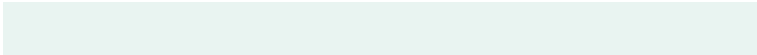
86.2031, 88.3759, 96.4888



85.4822, 88.3759, 91.6740

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



81.8346, 88.3797, 95.9662



94.0062, 99.4748, 108.2672



81.6923, 88.4414, 89.8572



20.1322, 21.2972, 23.1803



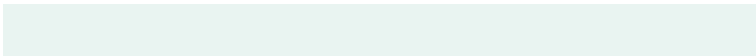
0.0000, 0.0000, 0.0000



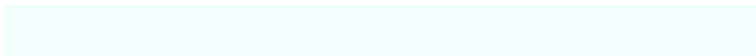
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.8346, 88.3797, 95.9662



89.9584, 97.4394, 105.7630



81.5743, 87.1350, 98.1118



17.5006, 19.0318, 20.6464



21.9872, 36.9397, 29.0161



1.9755, 3.2639, 2.7768

Inverse Universe

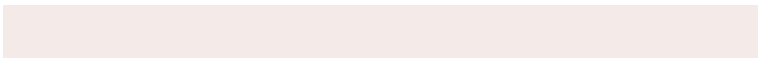
The Inverse Universe completely reimagines the original color for something new.



81.5907, 83.5693, 91.1913



89.6598, 91.5505, 99.9176



81.8373, 84.7552, 89.1380



17.4344, 17.7269, 19.3511



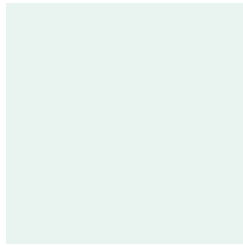
20.8797, 10.6953, 4.0748



1.8766, 0.9566, 0.5764

Previews

White Background



This preview shows how the XYZ color 81.8321, 88.3759, 95.9643 looks on a white background.

Color Contrast Check

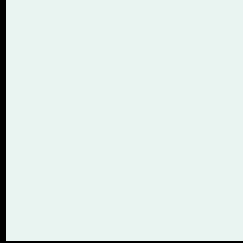
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 81.8321, 88.3759, 95.9643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

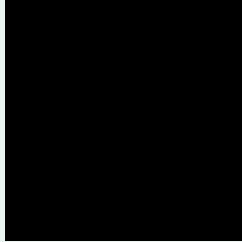
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

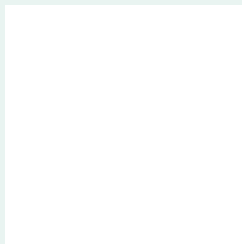
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.8321, 88.3759, 95.9643

Background



This preview shows how black text looks on a background with the XYZ color 81.8321, 88.3759, 95.9643.



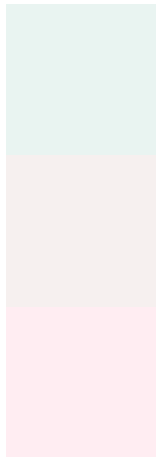
This preview shows how white text looks on a background with the XYZ color 81.8321, 88.3759,

95.9643.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

81.8321, 88.3759, 95.9643

Protanopia

84.7461, 88.1450, 94.2084

Deuteranopia

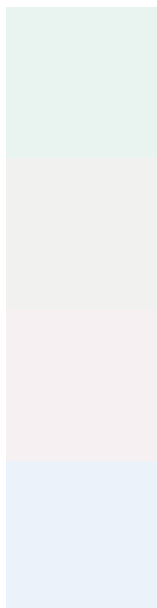
87.5512, 88.2392, 96.4218



Tritanopia

84.7652, 88.3077, 107.1852

Trichromacy



Original Color

81.8321, 88.3759, 95.9643

Protanomaly

83.4591, 87.9026, 95.0062

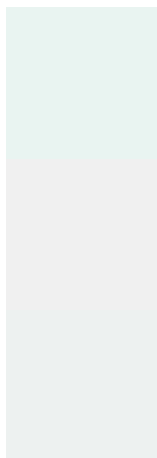
Deuteranomaly

85.5449, 88.5051, 96.5789

Tritanomaly

83.5995, 88.2393, 103.0682

Monochromacy



Original Color

81.8321, 88.3759, 95.9643

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.1085, 87.2064, 94.9430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.8321, 88.3759, 95.9643 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(233, 244, 241)` looks like.

```
.text, #text, p{  
    color:rgb(233, 244, 241)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(233, 244, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 244, 241) }
```

Border

The CSS property to change the border of an element to XYZ 81.8321, 88.3759, 95.9643 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(233, 244, 241) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(233, 244, 241) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(233, 244, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 244, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 244, 241);  
box-shadow:4px 4px 4px 4px rgb(233, 244,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 81.8321, 88.3759, 95.9643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 244, 241) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(233,  
244, 241) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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