

Converting Colors

XYZ(79.1301, 85.2625, 92.9396)

Have a look what the booklet for
XYZ(79.1301, 85.2625, 92.9396)
contains.

XYZ(79.2258, 85.3162, 93.1809)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(79.2258, 85.3162,
93.1809)**

Conversions

Conversions Part 1

Format	Color
Hex	E6F0EE
RGB	230, 240, 238
RGB Percent	90%, 94%, 93%
CMY	0.0980, 0.0588, 0.0667
CMYK	0.04, 0.00, 0.01, 0.06
HSL	168°, 25%, 92%
HSV	168°, 4%, 94%
XYZ	79.2258, 85.3162, 93.1809
YIQ	236.7820, -5.3180, -2.7420

Conversions

Conversions Part 2

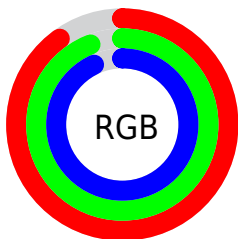
Format	Color
R _Y B	230, 236, 240
Decimal	15134958
CIE Lab	94.02, -3.66, -0.19
CIE LCh	94, 3.668, 183.040
Yxy	85.3162, 0.3074, 0.3310
Android (android.graphics.Color)	4293325038 (0xFFE6F0EE)
YUV	236.7820, 0.6005, -5.9478
Hunter-Lab	92.3668, -8.5369, 4.8441

Details

The XYZ color **79.2258, 85.3162, 93.1809** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **78.8006, 80.9473, 87.8192**, and the grayscale version is **80.3291, 84.5125, 92.0341**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2632, 46.7723, 51.0037** is the 20% darker color. If you saturate the color by 10%, you get **71.3513, 81.3397, 89.1757**, and if you desaturate by 10%, it is **88.1844, 89.8542, 97.3388**.

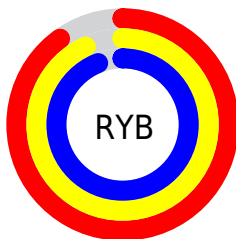
Distribution



Red (90%)

Green (94%)

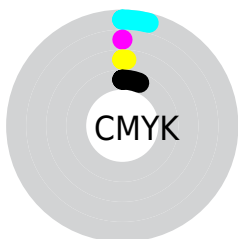
Blue (93%)



Red (90%)

Yellow (93%)

Blue (94%)

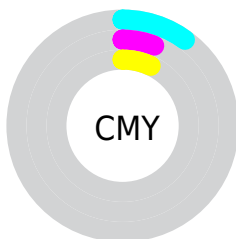


Cyan (4%)

Magenta (0%)

Yellow (1%)

Black (6%)



Cyan (10%)

Magenta (6%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.2258, 85.3162, 93.1809 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 79.2258, 85.3162, 93.1809 by changing the saturation by 10% instead.

■ 79.2258, 85.3162,
93.1809

■ 79.2258, 85.3162,
93.1809

481.0962,
512.6738, 559.1597

■ 59.3877, 64.1027,
70.0334

131.2329,
140.8149, 153.7229

■ 43.1729, 46.7338,
51.0768

164.1328,
175.8688, 191.9545

■ 30.2159, 32.8253,
35.8926

202.1172,
216.3050, 236.0511

■ 20.1514, 21.9926,
24.0622

245.5516,
262.5079, 286.4314

■ 12.6141, 13.8515,
15.1671

294.8014,
314.8618, 343.5139

■ 7.2385, 8.0175,
8.7888

350.2318,

■ 3.6593, 4.1061,

373.7511, 407.7170

4.5088

412.2083,
439.5603, 479.4595

■ 1.5113, 1.7331,
1.9084

■ 0.3335, 0.4450,
0.4981

■ 79.2258, 85.3162,
93.1809

■ 79.2258, 85.3162,
93.1809

■ 71.3513, 81.3397,
89.1757

■ 88.1844, 89.8542,
97.3388

■ 64.5106, 77.8915,
85.3149

■ 89.2856, 90.3370,
101.2265

■ 58.6597, 74.9515,
81.5973

■ 90.0398, 90.6386,
105.1979

■ 53.7492, 72.4941,
78.0199

■ 90.4517, 90.8034,
107.3672

■ 49.7249, 70.4915,
74.5794

■ 46.5273, 68.9130,
71.2722

■ 44.0891, 67.7239,
68.0944

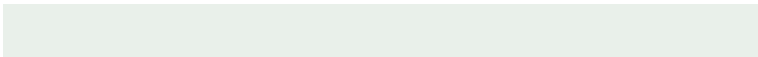
■ 42.3327, 66.8841,
65.0414

■ 41.1630, 66.3448,
62.1081

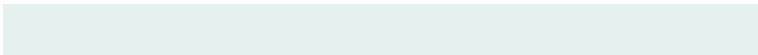
Harmonies

Analogous

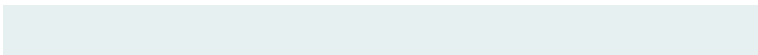
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.4247, 85.3162, 90.4728



79.2258, 85.3162, 93.1809



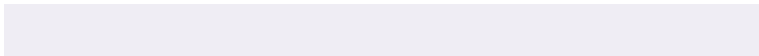
79.5232, 85.3162, 95.8643

Triad

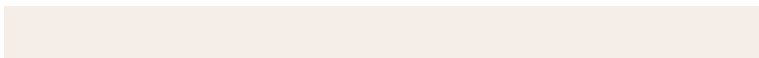
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.2258, 85.3162, 93.1809



82.1208, 85.3162, 97.4864



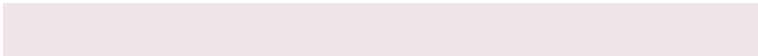
81.9467, 85.3162, 88.1735

Complementary

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



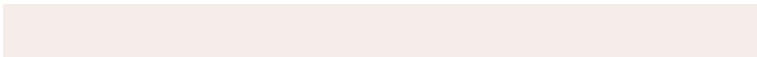
79.2258, 85.3162, 93.1809



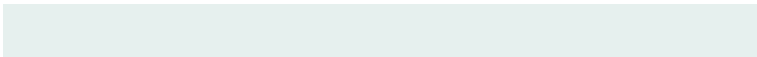
78.8006, 80.9473, 87.8192

Split Complementary

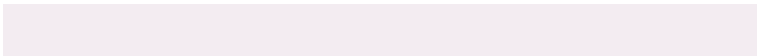
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.6783, 85.3162, 89.9873



79.2258, 85.3162, 93.1809



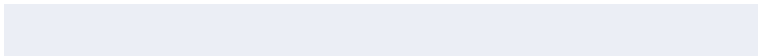
82.7794, 85.3162, 95.3597

Square

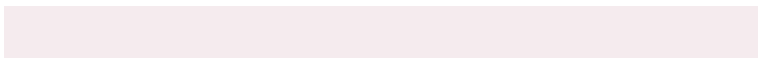
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



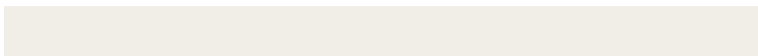
79.2258, 85.3162, 93.1809



81.1903, 85.3162, 98.3812



82.9842, 85.3162, 92.6094



80.9907, 85.3162, 87.6163

Rectangle

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



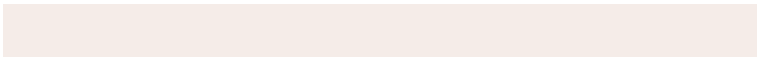
79.2258, 85.3162, 93.1809



79.9643, 85.3162, 97.2681



82.9842, 85.3162, 92.6094



82.2272, 85.3162, 88.6547

Sweetspot

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



79.2282, 85.3198, 93.1828



94.0359, 99.4867, 108.4238



78.7785, 85.2208, 87.1613



20.1382, 21.2997, 23.2122



0.0000, 0.0000, 0.0000



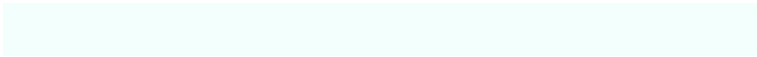
20.3446, 21.4041, 23.3091

Same Dimension

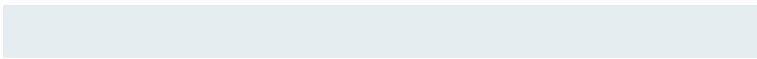
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2282, 85.3198, 93.1828



90.1053, 97.4981, 106.5364



78.6964, 83.7824, 94.4662



16.7591, 18.2028, 19.8976



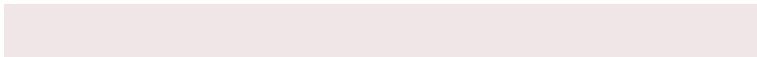
22.3101, 36.2160, 33.3454



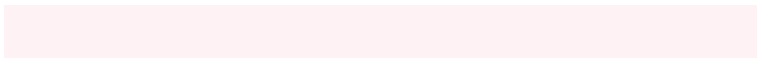
1.8900, 3.0265, 2.9533

Inverse Universe

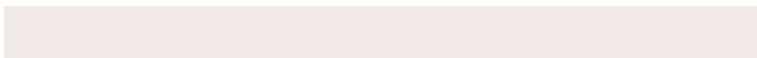
The Inverse Universe completely reimagines the original color for something new.



78.8006, 80.9473, 87.8192



89.5181, 91.4938, 99.1713



79.3127, 82.4245, 86.5934



16.6350, 16.9338, 18.3411



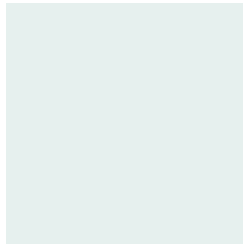
20.0019, 10.2732, 2.6607



1.6983, 0.8684, 0.4020

Previews

White Background



This preview shows how the XYZ color 79.2258, 85.3162, 93.1809 looks on a white background.

Color Contrast Check

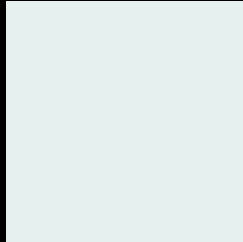
Large Text (above 18pt) WCAG AA × Fail

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 79.2258, 85.3162, 93.1809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

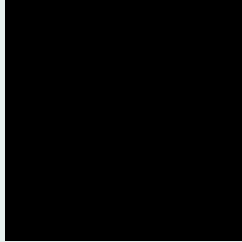
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

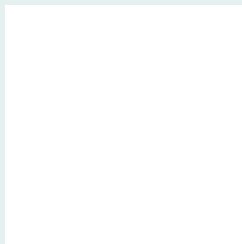
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.2258, 85.3162, 93.1809

Background



This preview shows how black text looks on a background with the XYZ color 79.2258, 85.3162, 93.1809.



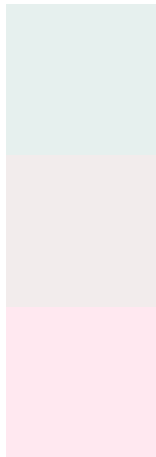
This preview shows how white text looks on a background with the XYZ color 79.2258, 85.3162,

93.1809.

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

79.2258, 85.3162, 93.1809

Protanopia

81.7537, 84.9243, 91.4400

Deuteranopia

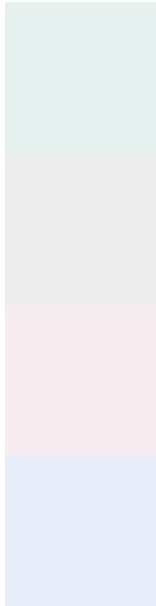
85.8248, 85.2645, 94.3723



Tritanopia

81.9385, 85.1120, 106.7174

Trichromacy



Original Color

79.2258, 85.3162, 93.1809

Protanomaly

80.8301, 84.8599, 92.2402

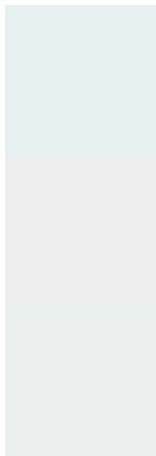
Deuteranomaly

83.2944, 85.2415, 93.7245

Tritanomaly

80.9521, 85.1444, 101.7904

Monochromacy



Original Color

79.2258, 85.3162, 93.1809

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

79.7923, 84.7559, 92.2748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2258, 85.3162, 93.1809 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(230, 240, 238) looks like.

```
.text, #text, p{  
    color:rgb(230, 240, 238)  
}
```

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(230, 240, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 240, 238) }
```

Border

The CSS property to change the border of an element to XYZ 79.2258, 85.3162, 93.1809 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(230, 240, 238) }
```


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

```
.border{ border-color:rgb(230, 240, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 240, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 240, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 240, 238);  
box-shadow:4px 4px 4px 4px rgb(230, 240,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2258, 85.3162, 93.1809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 240, 238) }
```

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

```
.background{ background-color: rgb(230,  
240, 238) }
```

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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