

Converting Colors

XYZ(82.7074, 87.7424, 96.0687)

Have a look what the booklet for
XYZ(82.7074, 87.7424, 96.0687)
contains.

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Color

**XYZ(82.8892, 88.0323,
95.8423)**

Conversions

Conversions Part 1

Format	Color
Hex	EEF2F1
RGB	238, 242, 241
RGB Percent	93%, 95%, 95%
CMY	0.0667, 0.0510, 0.0549
CMYK	0.02, 0.00, 0.00, 0.05
HSL	165°, 13%, 94%
HSV	165°, 2%, 95%
XYZ	82.8892, 88.0323, 95.8423
YIQ	240.6900, -2.0630, -1.1590

Conversions

Conversions Part 2

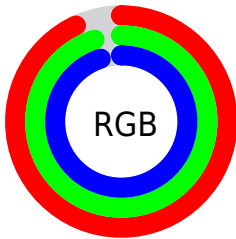
Format	Color
R_{YB}	238, 240, 242
Decimal	15659761
CIE _{Lab}	95.17, -1.50, 0.01
CIE _{LCh}	95, 1.499, 179.748
Yxy	88.0323, 0.3107, 0.3300
Android (android.graphics.Color)	4293849841 (0xFFEEF2F1)
YUV	240.6900, 0.1528, -2.3591
Hunter-Lab	93.8255, -6.5007, 5.1134

Details

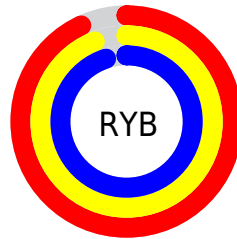
The XYZ color **82.8892, 88.0323, 95.8423** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.7757, 86.2606, 93.9529**, and the grayscale version is **83.3676, 87.7092, 95.5153**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.6073, 48.5657, 52.8693** is the 20% darker color. If you saturate the color by 10%, you get **74.4131, 83.7682, 90.7938**, and if you desaturate by 10%, it is **89.7931, 91.4874, 100.9785**.

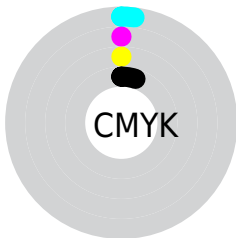
Distribution



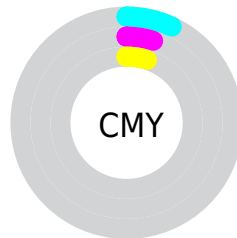
- Red (93%)
- Green (95%)
- Blue (95%)



- Red (93%)
- Yellow (94%)
- Blue (95%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (7%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.8892, 88.0323, 95.8423 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 82.8892, 88.0323, 95.8423 by changing the saturation by 10% instead.

82.8892, 88.0323,
95.8423

82.8892, 88.0323,
95.8423

493.2067,
521.6090, 567.9111

62.4154, 66.3498,
72.2355

136.3496,
144.6021, 157.4333

45.6253, 48.5564,
52.8630

170.0669,
180.2583, 196.2546

32.1536, 34.2677,
37.3065

208.9293,
221.3411, 240.9845

21.6350, 23.0994,
25.1472

253.3023,
268.2349, 292.0414

13.7040, 14.6669,
15.9668

303.5512,
321.3243, 349.8440

7.9954, 8.5859,
9.3465

360.0413,

4.1438, 4.4721,

380.9935, 414.8108

4.8680

423.1380,
447.6269, 487.3603

■ 1.7838, 1.9410,
2.1126

■ 0.5079, 0.5729,
0.6233

■ 82.8892, 88.0323,
95.8423

■ 82.8892, 88.0323,
95.8423

■ 74.4131, 83.7682,
90.7938

■ 89.7931, 91.4874,
100.9785

■ 67.0134, 80.0531,
85.9499

■ 90.7455, 91.8683,
105.9935

■ 60.6461, 76.8667,
81.3090

■ 91.0438, 91.9877,
107.5646

■ 55.2614, 74.1835,
76.8671

■ 50.8051, 71.9756,
72.6201

■ 47.2179, 70.2124,
68.5636

■ 44.4332, 68.8597,
64.6929

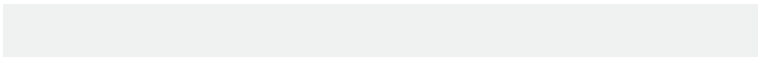
■ 42.3747, 67.8780,
61.0027

■ 40.9505, 67.2202,
57.4871

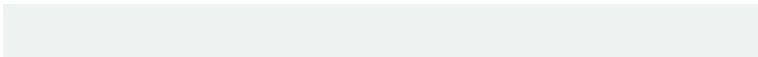
Harmonies

Analogous

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



82.9955, 88.0323, 94.7235



82.8892, 88.0323, 95.8423



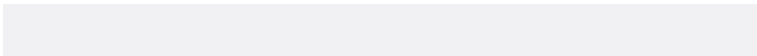
82.9921, 88.0323, 96.9725

Triad

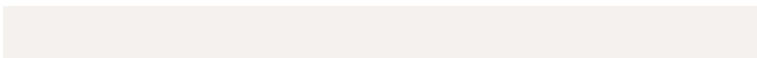
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.8892, 88.0323, 95.8423



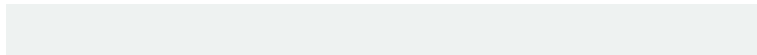
84.0623, 88.0323, 97.8182



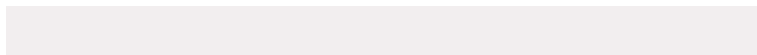
84.0683, 88.0323, 93.9225

Complementary

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



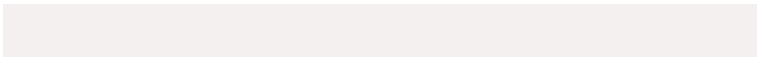
82.8892, 88.0323, 95.8423



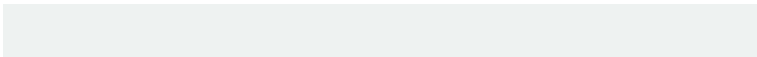
82.7757, 86.2606, 93.9529

Split Complementary

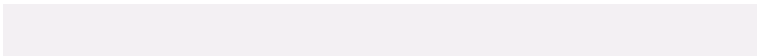
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.3557, 88.0323, 94.7406



82.8892, 88.0323, 95.8423



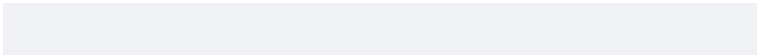
84.3523, 88.0323, 96.9898

Square

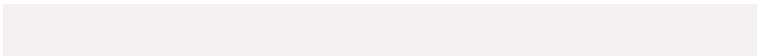
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



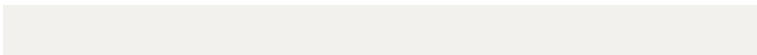
82.8892, 88.0323, 95.8423



83.6686, 88.0323, 98.1189



84.4598, 88.0323, 95.8621



83.6755, 88.0323, 93.6207

Rectangle

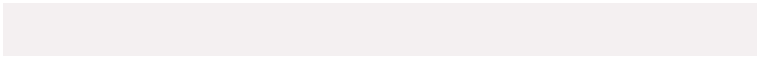
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



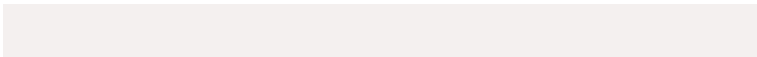
82.8892, 88.0323, 95.8423



83.1656, 88.0323, 97.5790



84.4598, 88.0323, 95.8621



84.1805, 88.0323, 94.1459

Sweetspot

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



82.8917, 88.0361, 95.8442

95.0500, 100.0000, 108.9000



82.8067, 88.0436, 93.5198



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



82.8917, 88.0361, 95.8442



92.9933, 98.9634, 107.7326



82.7647, 87.5415, 96.5440



17.4403, 18.5482, 20.1922



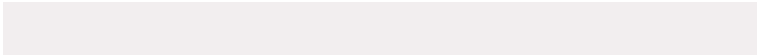
21.6134, 35.9374, 29.6766



1.8375, 3.0055, 2.6769

Inverse Universe

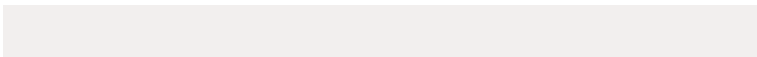
The Inverse Universe completely reimagines the original color for something new.



82.7757, 86.2606, 93.9529



92.8353, 96.5454, 105.1568



82.9005, 86.7469, 93.2646



17.4124, 18.1200, 19.7362



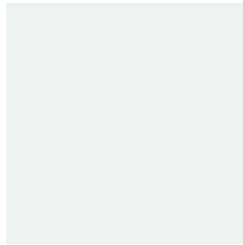
20.1653, 10.3386, 3.5213



1.7162, 0.8755, 0.4964

Previews

White Background



This preview shows how the XYZ color 82.8892, 88.0323, 95.8423 looks on a white background.

Color Contrast Check

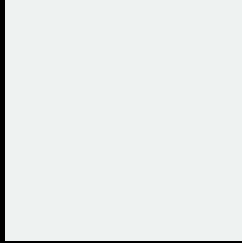
Large Text (above 18pt) WCAG AA × Fail

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 82.8892, 88.0323, 95.8423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

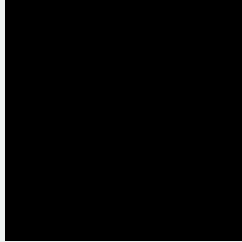
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

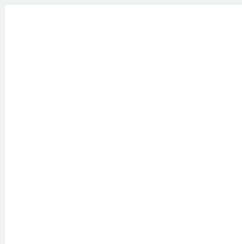
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.8892, 88.0323, 95.8423

Background



This preview shows how black text looks on a background with the XYZ color 82.8892, 88.0323, 95.8423.



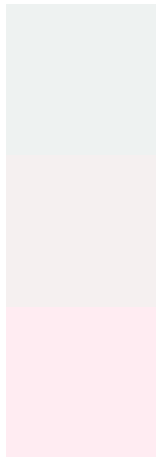
This preview shows how white text looks on a background with the XYZ color 82.8892, 88.0323,

95.8423.

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

82.8892, 88.0323, 95.8423

Protanopia

84.5445, 88.0239, 94.9724

Deuteranopia

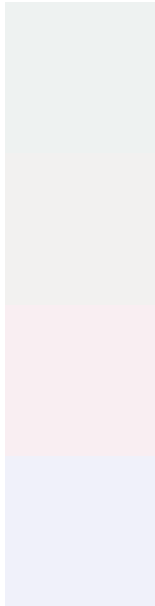
87.2625, 87.6617, 96.3256



Tritanopia

85.4857, 88.2409, 107.1344

Trichromacy



Original Color

82.8892, 88.0323, 95.8423

Protanomaly

83.8014, 88.0791, 95.0222

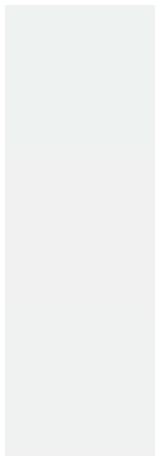
Deuteranomaly

85.6685, 87.6996, 96.4169

Tritanomaly

84.6458, 88.3380, 103.0321

Monochromacy



Original Color

82.8892, 88.0323, 95.8423

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.2677, 87.7867, 95.7749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.8892, 88.0323, 95.8423 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(238, 242, 241) looks like.

```
.text, #text, p{  
    color:rgb(238, 242, 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(238, 242, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 242, 241) }
```

Border

The CSS property to change the border of an element to XYZ 82.8892, 88.0323, 95.8423 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(238, 242, 241) }
```

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

```
.border{ border-color:rgb(238, 242, 241) }
```

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

Here you see how a box with a 4 pixel rgb(238, 242, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 242, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 242, 241);  
box-shadow:4px 4px 4px 4px rgb(238, 242,  
241) }
```


Background

The CSS property to change the background color of an element to XYZ 82.8892, 88.0323, 95.8423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 242, 241) }
```

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

```
.background{ background-color: rgb(238,  
242, 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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