

Converting Colors

XYZ(86.3049, 88.8830, 95.3408)

Have a look what the booklet for
XYZ(86.3049, 88.8830, 95.3408)
contains.

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Color

**XYZ(86.3126, 88.9354,
95.0552)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF0F0
RGB	250, 240, 240
RGB Percent	98%, 94%, 94%
CMY	0.0196, 0.0588, 0.0588
CMYK	0.00, 0.04, 0.04, 0.02
HSL	0°, 50%, 96%
HSV	0°, 4%, 98%
XYZ	86.3126, 88.9354, 95.0552
YIQ	242.9900, 5.9600, 2.1200

Conversions

Conversions Part 2

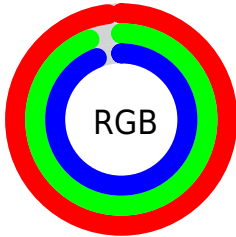
Format	Color
R_{YB}	250, 240, 240
Decimal	16445680
CIE Lab	95.55, 3.36, 1.19
CIE LCh	96, 3.559, 19.465
Yxy	88.9354, 0.3193, 0.3290
Android (android.graphics.Color)	4294635760 (0xFFFAF0F0)
YUV	242.9900, -1.4741, 6.1478
Hunter-Lab	94.3056, -1.6637, 6.2526

Details

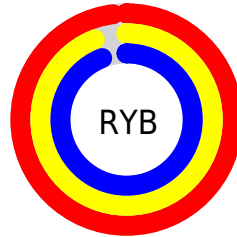
The XYZ color **86.3126, 88.9354, 95.0552** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.3761, 93.7973, 103.9432**, and the grayscale version is **85.1936, 89.6304, 97.6075**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.0404, 49.2110, 52.3141** is the 20% darker color. If you saturate the color by 10%, you get **75.9953, 73.8397, 74.5381**, and if you desaturate by 10%, it is **93.2349, 99.0643, 108.8151**.

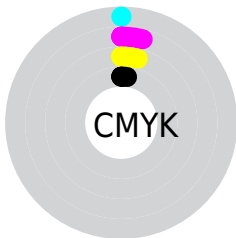
Distribution



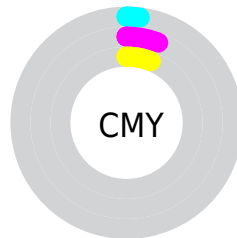
- Red (98%)
- Green (94%)
- Blue (94%)



- Red (98%)
- Yellow (94%)
- Blue (94%)



- Cyan (0%)
- Magenta (4%)
- Yellow (4%)
- Black (2%)





- Cyan (2%)
- Magenta (6%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.3126, 88.9354, 95.0552 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 86.3126, 88.9354, 95.0552 by changing the saturation by 10% instead.


 86.3126, 88.9354,
95.0552

 86.3126, 88.9354,
95.0552

504.3799,
524.5616, 565.3305

 65.2526, 67.0980,
71.5838


141.1102,
145.8587, 156.3371

 47.9314, 49.1643,
52.3340


175.5786,
181.7135, 194.9847

 33.9836, 34.7498,
36.8873


215.2471,
223.0094, 239.5280

 23.0438, 23.4702,
24.8251

260.4812,
270.1310, 290.3857

 14.7468, 14.9411,
15.7290

311.6461,
323.4627, 347.9762

 8.7270, 8.7781,
9.1803

369.1073,

 4.6192, 4.5967,

383.3887, 412.7182

4.7606

433.2301,
450.2936, 485.0301

■ 2.0581, 2.0126,
2.0512

■ 0.6663, 0.6148,
0.5865

■ 86.3126, 88.9354,
95.0552

■ 86.3126, 88.9354,
95.0552

■ 75.9953, 73.8397,
74.5381

■ 93.2349, 99.0643,
108.8151

■ 67.1384, 60.8803,
56.9285

■ 59.6782, 49.9643,
42.0966

■ 53.5435, 40.9875,
29.9007

■ 48.6566, 33.8365,
20.1866

■ 44.9322, 28.3861,
12.7839

■ 42.2737, 24.4954,
7.5011

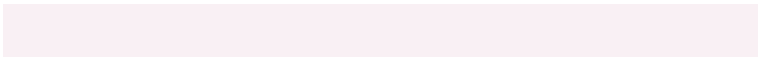
■ 40.5696, 22.0009,
4.1159

■ 39.6833, 20.7032,
2.3565

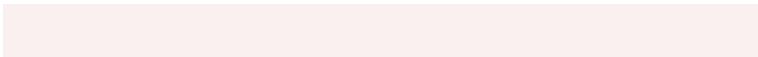
Harmonies

Analogous

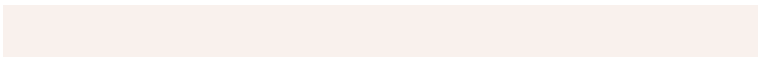
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.3893, 88.9354, 97.8218



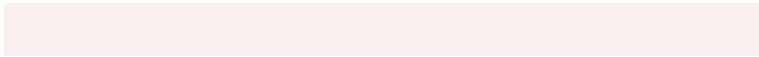
86.3126, 88.9354, 95.0552



85.7562, 88.9354, 92.8071

Triad

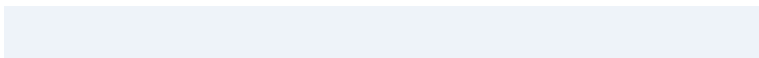
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.3126, 88.9354, 95.0552



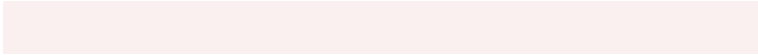
83.1119, 88.9354, 93.3836



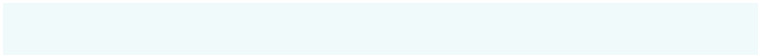
84.1877, 88.9354, 102.2174

Complementary

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



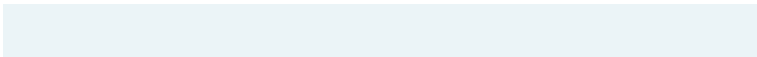
86.3126, 88.9354, 95.0552



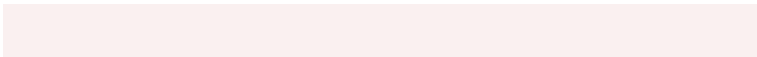
87.3761, 93.7973, 103.9432

Split Complementary

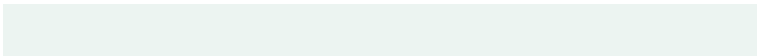
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.3164, 88.9354, 100.9789



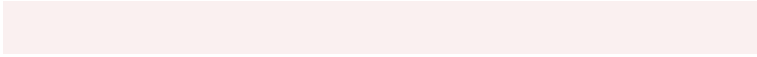
86.3126, 88.9354, 95.0552



82.6984, 88.9354, 95.8559

Square

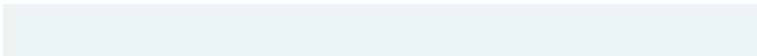
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.3126, 88.9354, 95.0552



83.9065, 88.9354, 91.8549



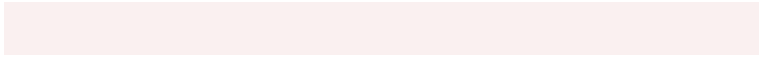
82.7730, 88.9354, 98.6380



85.1575, 88.9354, 101.9930

Rectangle

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



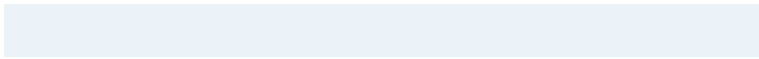
86.3126, 88.9354, 95.0552



85.1906, 88.9354, 91.8881



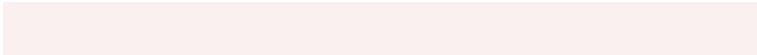
82.7730, 88.9354, 98.6380



83.8737, 88.9354, 101.9575

Sweetspot

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



86.3151, 88.9393, 95.0571



93.8343, 98.2213, 106.4828



87.8410, 89.5477, 103.0984



20.0972, 21.0421, 22.8172



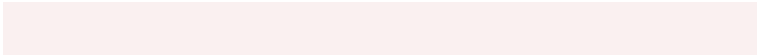
0.0000, 0.0000, 0.0000



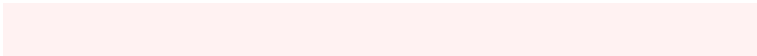
20.3446, 21.4041, 23.3091

Same Dimension

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



86.3151, 88.9393, 95.0571



89.1328, 91.3422, 97.1344



87.8062, 91.9214, 95.5541



18.1023, 18.4804, 19.5826



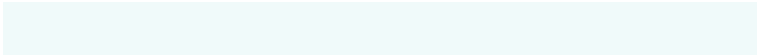
20.9128, 10.7822, 0.9789



1.9371, 0.9990, 0.0907

Inverse Universe

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



87.3761, 93.7973, 103.9432



90.5121, 97.6582, 108.6872



85.8442, 90.7336, 103.4325



18.4225, 19.9465, 22.2644



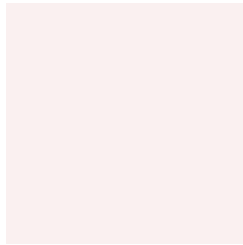
27.2692, 39.8939, 54.2366



2.5258, 3.6953, 5.0233

Previews

White Background



This preview shows how the XYZ color 86.3126, 88.9354, 95.0552 looks on a white background.

Color Contrast Check

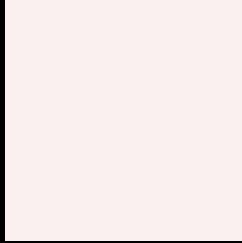
Large Text (above 18pt) WCAG AA × Fail

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 86.3126, 88.9354, 95.0552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

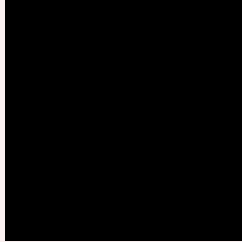
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

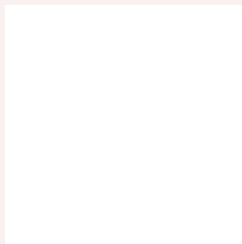
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.3126, 88.9354, 95.0552

Background



This preview shows how black text looks on a background with the XYZ color 86.3126, 88.9354, 95.0552.



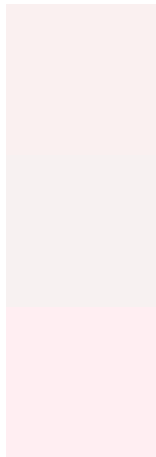
This preview shows how white text looks on a background with the XYZ color 86.3126, 88.9354,

95.0552.

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

86.3126, 88.9354, 95.0552

Protanopia

85.6903, 89.0356, 95.8883

Deuteranopia

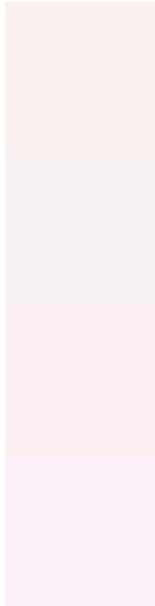
87.8415, 88.8199, 96.5186



Tritanopia

88.7694, 89.0645, 107.1203

Trichromacy



Original Color

86.3126, 88.9354, 95.0552

Protanomaly

86.0439, 89.2179, 95.9049

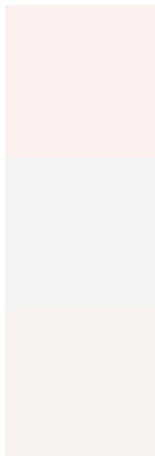
Deuteranomaly

87.2517, 88.9665, 95.7927

Tritanomaly

87.9055, 89.1444, 103.0159

Monochromacy



Original Color

86.3126, 88.9354, 95.0552

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.7852, 89.5079, 96.7598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.3126, 88.9354, 95.0552 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(250, 240, 240) looks like.

```
.text, #text, p{  
    color:rgb(250, 240, 240)  
}
```

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(250, 240, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 240, 240) }
```

Border

The CSS property to change the border of an element to XYZ 86.3126, 88.9354, 95.0552 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(250, 240, 240) }
```


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

```
.border{ border-color:rgb(250, 240, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 240, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 240, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 240, 240);  
box-shadow:4px 4px 4px 4px rgb(250, 240,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 86.3126, 88.9354, 95.0552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 240, 240) }
```

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

```
.background{ background-color: rgb(250,  
240, 240) }
```

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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