

Converting Colors

XYZ(88.4904, 91.1538, 96.8173)

Have a look what the booklet for
XYZ(88.4904, 91.1538, 96.8173)
contains.

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Color

**XYZ(88.5856, 91.3946,
96.9764)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF3F2
RGB	253, 243, 242
RGB Percent	99%, 95%, 95%
CMY	0.0078, 0.0470, 0.0510
CMYK	0.00, 0.04, 0.04, 0.01
HSL	5°, 73%, 97%
HSV	5°, 4%, 99%
XYZ	88.5856, 91.3946, 96.9764
YIQ	245.8760, 6.2810, 1.8090

Conversions

Conversions Part 2

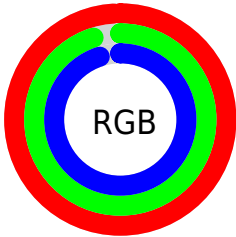
Format	Color
R _Y B	253, 243, 242
Decimal	16643058
CIE Lab	96.57, 3.18, 1.66
CIE LCh	97, 3.587, 27.632
Yxy	91.3946, 0.3199, 0.3300
Android (android.graphics.Color)	4294833138 (0xFFFD3F2)
YUV	245.8760, -1.9109, 6.2477
Hunter-Lab	95.6005, -1.8988, 6.7771

Details

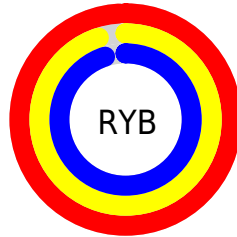
The XYZ color 88.5856, 91.3946, 96.9764 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.1579, 95.5885, 106.6810, and the grayscale version is 87.5108, 92.0682, 100.2622.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.3982, 50.8216, 53.6604 is the 20% darker color. If you saturate the color by 10%, you get 78.5914, 77.0717, 76.1765, and if you desaturate by 10%, it is 94.3185, 99.6229, 108.8658.

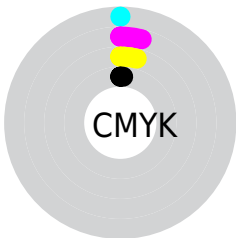
Distribution



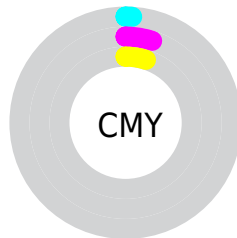
- Red (99%)
- Green (95%)
- Blue (95%)



- Red (99%)
- Yellow (95%)
- Blue (95%)



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





- Cyan (1%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.5856, 91.3946, 96.9764 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 88.5856, 91.3946, 96.9764 by changing the saturation by 10% instead.


 88.5856, 91.3946,
96.9764

 88.5856, 91.3946,
96.9764

511.7258,
532.5571, 571.6182

 67.1406, 69.1379,
73.1751


144.2605,
149.2740, 159.0113

 49.4700, 50.8240,
53.6264


179.2211,
185.6656, 198.0819

 35.2085, 36.0686,
37.9119


219.4176,
227.5375, 243.0793

 23.9908, 24.4872,
25.6131

265.2153,
275.2743, 294.4222

 15.4515, 15.6954,
16.3112

316.9796,
329.2602, 352.5289

 9.2252, 9.3089,
9.5879

375.0759,

 4.9467, 4.9432,

389.8797, 417.8182

5.0246

439.8695,
457.5172, 490.7084

■ 2.2504, 2.2140,
2.2027

■ 0.7691, 0.7276,
0.6759

■ 88.5856, 91.3946,
96.9764

■ 88.5856, 91.3946,
96.9764

■ 78.5914, 77.0717,
76.1765

94.3185, 99.6229,
108.8658

■ 69.9287, 64.6061,
58.3068

■ 62.5435, 53.9254,
43.2374

■ 56.3752, 44.9476,
30.8263

■ 51.3582, 37.5847,
20.9189

■ 47.4206, 31.7406,
13.3450

■ 44.4826, 27.3091,
7.9127

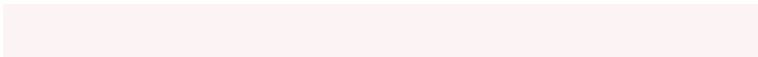
■ 42.4530, 24.1699,
4.3998

■ 41.2235, 22.1828,
2.5352

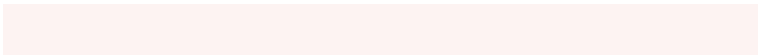
Harmonies

Analogous

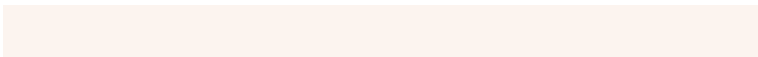
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8067, 91.3946, 99.7413



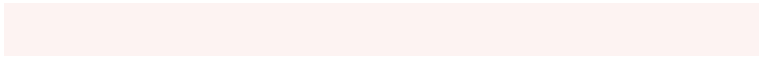
88.5856, 91.3946, 96.9764



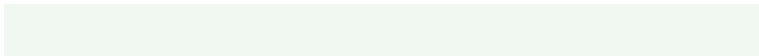
87.9031, 91.3946, 94.9259

Triad

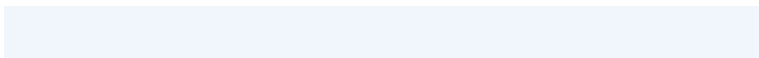
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5856, 91.3946, 96.9764



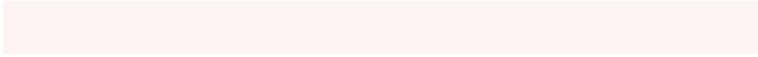
85.2510, 91.3946, 96.5889



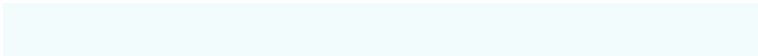
86.7883, 91.3946, 105.1276

Complementary

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



88.5856, 91.3946, 96.9764



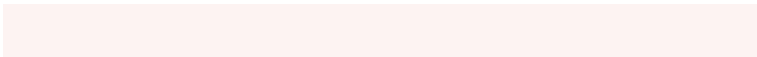
89.1579, 95.5885, 106.6810

Split Complementary

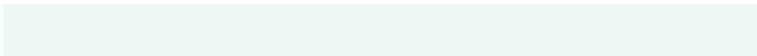
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.8407, 91.3946, 104.2459



88.5856, 91.3946, 96.9764



84.9574, 91.3946, 99.2855

Square

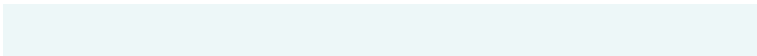
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.5856, 91.3946, 96.9764



85.9775, 91.3946, 94.7053



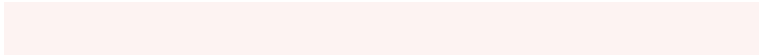
85.1724, 91.3946, 102.0938



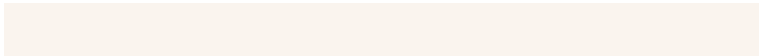
87.7643, 91.3946, 104.4811

Rectangle

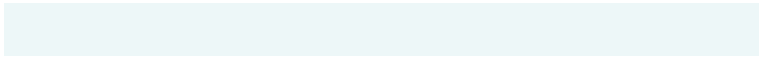
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



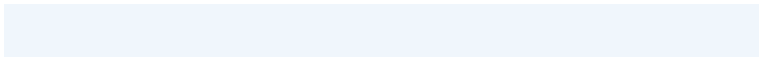
88.5856, 91.3946, 96.9764



87.2811, 91.3946, 94.2212



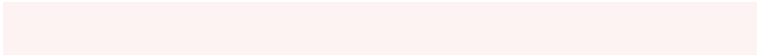
85.1724, 91.3946, 102.0938



86.4559, 91.3946, 104.9997

Sweetspot

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



88.5882, 91.3986, 96.9784



93.9073, 98.3673, 106.5071



89.8453, 91.4219, 105.0767



20.1121, 21.0719, 22.8221



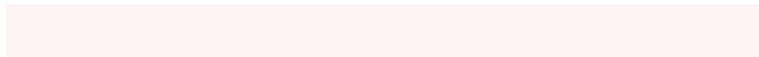
0.0000, 0.0000, 0.0000



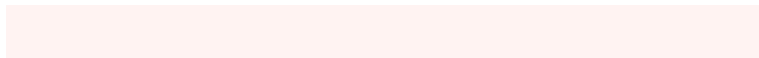
20.3446, 21.4041, 23.3091

Same Dimension

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



88.5882, 91.3986, 96.9784



89.4792, 92.0351, 97.2499



90.2319, 94.6861, 97.5263



18.9907, 19.4682, 20.4784



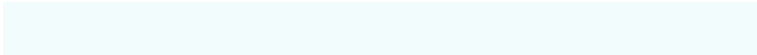
21.7564, 11.5241, 1.0777



2.1613, 1.2080, 0.1192

Inverse Universe

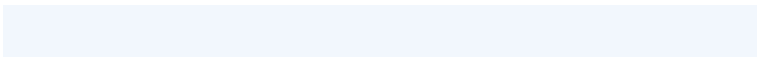
The Inverse Universe completely reimagines the original color for something new.



89.1579, 95.5885, 106.6810



90.1436, 96.9211, 108.5643



87.4824, 92.2374, 106.1225



19.1522, 20.6553, 23.2274



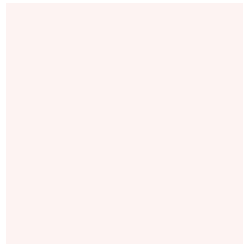
24.5270, 33.9636, 54.6975



2.4278, 3.3864, 5.3389

Previews

White Background



This preview shows how the XYZ color 88.5856, 91.3946, 96.9764 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 88.5856, 91.3946, 96.9764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

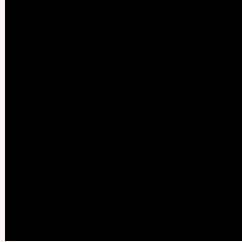
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

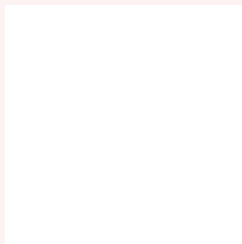
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.5856, 91.3946, 96.9764

Background



This preview shows how black text looks on a background with the XYZ color 88.5856, 91.3946, 96.9764.



This preview shows how white text looks on a background with the XYZ color 88.5856, 91.3946,

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

88.5856, 91.3946, 96.9764

Protanopia

87.9527, 91.4964, 97.8190

Deuteranopia

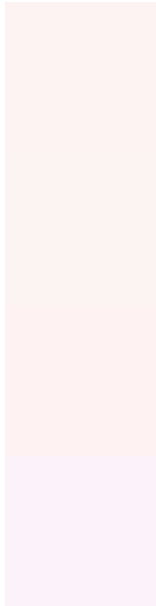
89.3213, 91.2959, 98.5021



Tritanopia

89.9470, 91.4197, 107.5128

Trichromacy



Original Color

88.5856, 91.3946, 96.9764

Protanomaly

88.3120, 91.6817, 97.8358

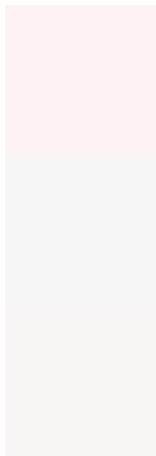
Deuteranomaly

88.8028, 91.0462, 97.6873

Tritanomaly

89.1523, 91.1018, 103.3281

Monochromacy



Original Color

88.5856, 91.3946, 96.9764

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

88.2008, 92.0371, 99.5025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.5856, 91.3946, 96.9764 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(253, 243, 242) looks like.

```
.text, #text, p{  
    color:rgb(253, 243, 242)  
}
```

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(253, 243, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 243, 242) }
```

Border

The CSS property to change the border of an element to XYZ 88.5856, 91.3946, 96.9764 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(253, 243, 242) }
```


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

```
.border{ border-color:rgb(253, 243, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 243, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 243, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 243, 242);  
box-shadow:4px 4px 4px 4px rgb(253, 243,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 88.5856, 91.3946, 96.9764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 243, 242) }
```

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

```
.background{ background-color: rgb(253,  
243, 242) }
```

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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