

Converting Colors

XYZ(87.5679, 88.7523, 96.6373)

Have a look what the booklet for
XYZ(87.5679, 88.7523, 96.6373)
contains.

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Color

**XYZ(87.4746, 88.6307,
96.5014)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>FEEEF2</code>
RGB	<code>254, 238, 242</code>
RGB Percent	<code>100%, 93%, 95%</code>
CMY	<code>0.0039, 0.0666, 0.0510</code>
CMYK	<code>0.00, 0.06, 0.05, 0.00</code>
HSL	<code>345°, 89%, 96%</code>
HSV	<code>345°, 6%, 100%</code>
XYZ	<code>87.4746, 88.6307, 96.5014</code>
YIQ	<code>243.2400, 8.2520, 4.6360</code>

Conversions

Conversions Part 2

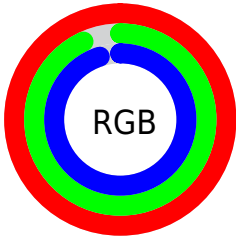
Format	Color
R_{YB}	254, 238, 242
Decimal	16707314
CIE _{Lab}	95.43, 6.07, 0.00
CIE _{LCh}	95, 6.069, 0.015
Yxy	88.6307, 0.3209, 0.3251
Android (android.graphics.Color)	4294897394 (0xFFEEEEF2)
YUV	243.2400, -0.6113, 9.4365
Hunter-Lab	94.1439, 1.1030, 5.1260

Details

The XYZ color **87.4746, 88.6307, 96.5014** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.9604, 95.9652, 104.3344**, and the grayscale version is **85.3847, 89.8314, 97.8264**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.6168, 48.8714, 53.3251** is the 20% darker color. If you saturate the color by 10%, you get **77.8808, 73.7864, 79.9116**, and if you desaturate by 10%, it is **94.6836, 99.8111, 108.8829**.

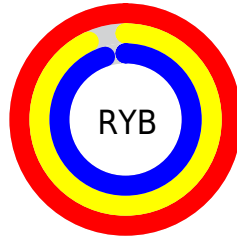
Distribution



Red (100%)

Green (93%)

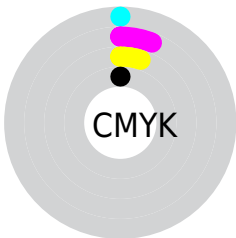
Blue (95%)



Red (100%)

Yellow (93%)

Blue (95%)

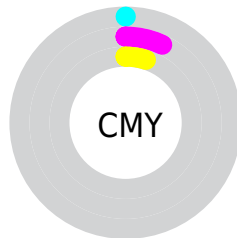


Cyan (0%)

Magenta (6%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (7%)


Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.4746, 88.6307, 96.5014 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 87.4746, 88.6307, 96.5014 by changing the saturation by 10% instead.


 87.4746, 88.6307,
96.5014

 87.4746, 88.6307,
96.5014


508.1423,
523.5664, 570.0671

 66.2174, 66.8455,
72.7814


142.7217,
145.4349, 158.3506

 48.7172, 48.9591,
53.3065


177.4424,
181.2227, 197.3169

 34.6088, 34.5870,
37.6581


217.3815,
222.4469, 242.2025

 23.5268, 23.3449,
25.4177

262.9045,
269.4917, 293.4257

 15.1058, 14.8484,
16.1667

314.3767,
322.7417, 351.4053

 8.9805, 8.7131,
9.4865

372.1635,

 4.7855, 4.5545,

382.5813, 416.5597

4.9588

436.6303,
449.3947, 489.3075

■ 2.1554, 1.9883,
2.1648

■ 0.7191, 0.6007,
0.6539

■ 87.4746, 88.6307,
96.5014

■ 87.4746, 88.6307,
96.5014

■ 77.8808, 73.7864,
79.9116

94.6836, 99.8111,
108.8829

■ 69.5736, 61.0535,
65.1759

■ 62.4993, 50.3392,
52.2305

■ 56.5978, 41.5390,
41.0058

■ 51.8035, 34.5391,
31.4273

■ 48.0445, 29.2136,
23.4150

■ 45.2398, 25.4202,
16.8817

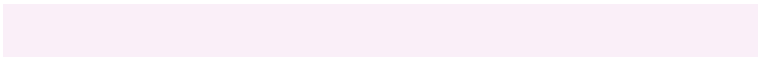
■ 43.2956, 22.9924,
11.7309

■ 42.0971, 21.7239,
7.8525

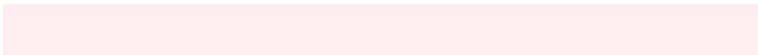
Harmonies

Analogous

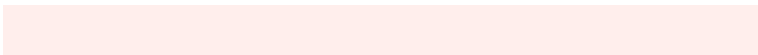
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.0371, 88.6307, 101.1469



87.4746, 88.6307, 96.5014



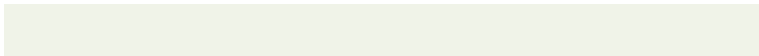
87.0362, 88.6307, 92.0010

Triad

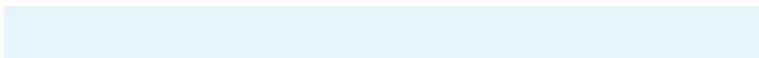
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.4746, 88.6307, 96.5014



82.6536, 88.6307, 88.7995



82.6550, 88.6307, 104.6437

Complementary

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



87.4746, 88.6307, 96.5014



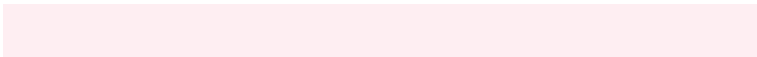
87.9604, 95.9652, 104.3344

Split Complementary

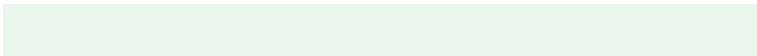
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.5059, 88.6307, 101.1511



87.4746, 88.6307, 96.5014



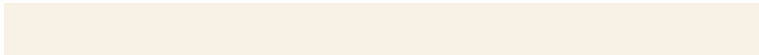
81.5051, 88.6307, 92.0050

Square

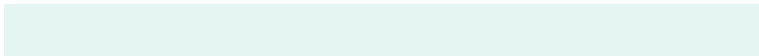
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



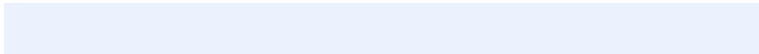
87.4746, 88.6307, 96.5014



84.2400, 88.6307, 87.6444



81.0877, 88.6307, 96.5061



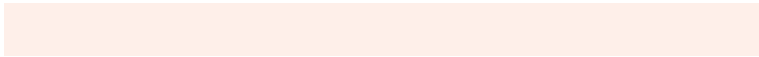
84.2416, 88.6307, 105.9410

Rectangle

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



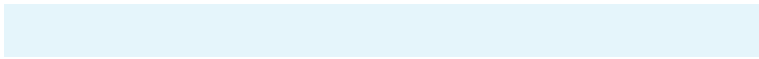
87.4746, 88.6307, 96.5014



86.3095, 88.6307, 89.6648



81.0877, 88.6307, 96.5061



82.2055, 88.6307, 103.6819

Sweetspot

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



87.4771, 88.6346, 96.5033



92.8346, 96.5451, 105.1528



87.8912, 88.6329, 106.2426



19.8936, 20.7008, 22.5464



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

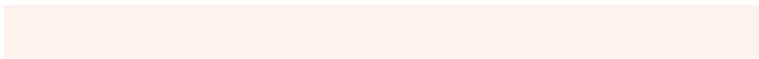
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.4771, 88.6346, 96.5033



86.5170, 86.7211, 94.3803



88.0606, 90.7516, 93.7691



18.1955, 18.0615, 19.6465



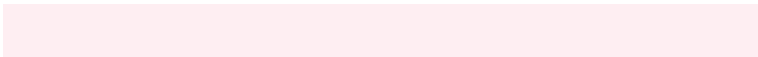
22.0776, 11.3203, 3.7933



2.1911, 1.1188, 0.5877

Inverse Universe

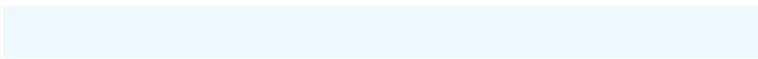
The Inverse Universe completely reimagines the original color for something new.



87.4771, 88.6346, 96.5033



86.5170, 86.7211, 94.3803



87.3379, 93.7068, 107.2512



18.1955, 18.0615, 19.6465



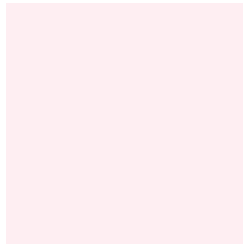
22.0776, 11.3203, 3.7933



2.1911, 1.1188, 0.5877

Previews

White Background



This preview shows how the XYZ color 87.4746, 88.6307, 96.5014 looks on a white background.

Color Contrast Check

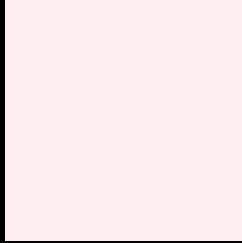
Large Text (above 18pt) WCAG AA × Fail

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 87.4746, 88.6307, 96.5014 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 87.4746, 88.6307, 96.5014

Background



This preview shows how black text looks on a background with the XYZ color 87.4746, 88.6307, 96.5014.

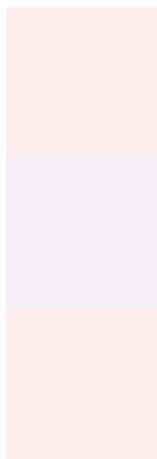


This preview shows how white text looks on a background with the XYZ color 87.4746, 88.6307,

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

87.4746, 88.6307, 96.5014

Protanopia

85.7905, 89.0351, 98.2518

Deuteranopia

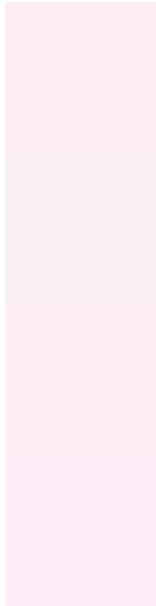
87.8415, 88.8199, 96.5186



Tritanopia

89.1248, 88.4067, 106.1327

Trichromacy



Original Color

87.4746, 88.6307, 96.5014

Protanomaly

86.4047, 88.9310, 97.4054

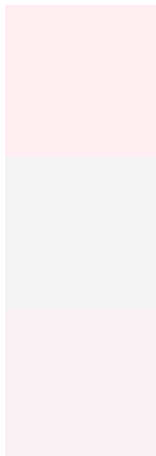
Deuteranomaly

87.8415, 88.8199, 96.5186

Tritanomaly

88.7795, 88.7305, 102.8900

Monochromacy



Original Color

87.4746, 88.6307, 96.5014

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.9907, 89.1558, 97.4706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.4746, 88.6307, 96.5014 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(254, 238, 242) looks like.

```
.text, #text, p{  
    color:rgb(254, 238, 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(254, 238, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 238, 242) }
```

Border

The CSS property to change the border of an element to XYZ 87.4746, 88.6307, 96.5014 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(254, 238, 242) }
```


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

```
.border{ border-color:rgb(254, 238, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 238, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 238, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 238, 242);  
box-shadow:4px 4px 4px 4px rgb(254, 238,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 87.4746, 88.6307, 96.5014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 238, 242) }
```

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

```
.background{ background-color: rgb(254,  
238, 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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