

Converting Colors

XYZ(123.4269, 107.3293,
96.0903)

Have a look what the booklet for
XYZ(123.4269, 107.3293, 96.0903)
contains.

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Color

**XYZ(87.3945, 88.6411,
94.1646)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEEEE
RGB	255, 238, 239
RGB Percent	100%, 93%, 94%
CMY	0.0000, 0.0666, 0.0627
CMYK	0.00, 0.07, 0.06, 0.00
HSL	356°, 100%, 97%
HSV	356°, 7%, 100%
XYZ	87.3945, 88.6411, 94.1646
YIQ	243.1970, 9.8110, 3.9150

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 238, 239
Decimal	16772847
CIE Lab	95.43, 5.90, 1.57
CIE LCh	95, 6.107, 14.920
Yxy	88.6411, 0.3234, 0.3281
Android (android.graphics.Color)	4294962927 (0xFFFFEEEF)
YUV	243.1970, -2.0691, 10.3512
Hunter-Lab	94.1494, 0.9318, 6.6050

Details

The XYZ color **87.3945, 88.6411, 94.1646** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.9121, 96.8543, 107.7783**, and the grayscale version is **85.3606, 89.8060, 97.7987**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.5639, 48.8806, 51.6750** is the 20% darker color. If you saturate the color by 10%, you get **77.1754, 73.5065, 74.4075**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

Distribution



Red (100%)

Green (93%)

Blue (94%)



Red (100%)

Yellow (93%)

Blue (94%)



Cyan (0%)

Magenta (7%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 87.3945, 88.6411, 94.1646 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 87.3945, 88.6411, 94.1646 by changing the saturation by 10% instead.


 87.3945, 88.6411,
94.1646

 87.3945, 88.6411,
94.1646

507.8834,
523.6004, 562.4029

 66.1508, 66.8541,
70.8468


142.6107,
145.4494, 155.0956

 48.6630, 48.9661,
51.7361


177.3140,
181.2395, 193.5459

 34.5657, 34.5926,
36.4140

217.2345,
222.4661, 237.8774

 23.4934, 23.3492,
24.4619

262.7377,
269.5136, 288.5088

 15.0810, 14.8516,
15.4612

314.1888,
322.7664, 345.8585

 8.9629, 8.7153,
8.9935

371.9532,

 4.7739, 4.5559,

382.6088, 410.3450

4.6402

436.3963,
449.4254, 482.3870

■ 2.1486, 1.9892,
1.9827

■ 0.7154, 0.6012,
0.5446

■ 87.3945, 88.6411,
94.1646

■ 87.3945, 88.6411,
94.1646

■ 77.1754, 73.5065,
74.4075

95.0500, 100.0000,
108.9000

■ 68.4144, 60.5644,
57.3682

■ 61.0470, 49.7164,
42.9297

■ 55.0012, 40.8525,
30.9638

■ 50.1987, 33.8526,
21.3319

■ 46.5529, 28.5835,
13.8815

■ 43.9661, 24.8946,
8.4421

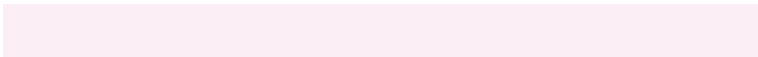
■ 42.3243, 22.6093,
4.8175

■ 41.4864, 21.5063,
2.7723

Harmonies

Analogous

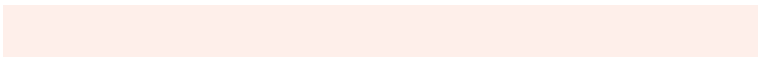
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.3921, 88.6411, 98.9295



87.3945, 88.6411, 94.1646



86.5469, 88.6411, 90.1606

Triad

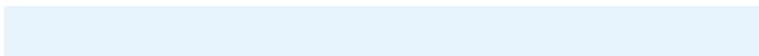
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.3945, 88.6411, 94.1646



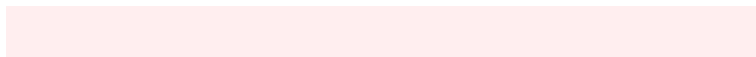
82.0017, 88.6411, 90.1433



83.4173, 88.6411, 105.6779

Complementary

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



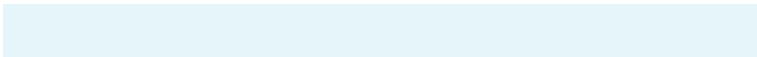
87.3945, 88.6411, 94.1646



88.9121, 96.8543, 107.7783

Split Complementary

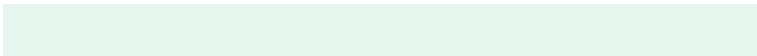
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.9954, 88.6411, 103.1613



87.3945, 88.6411, 94.1646



81.1855, 88.6411, 94.1402

Square

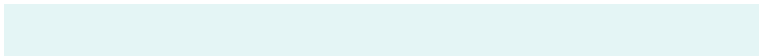
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.3945, 88.6411, 94.1646



83.4259, 88.6411, 87.8916



81.1832, 88.6411, 98.9044



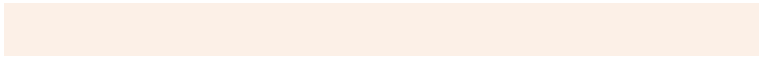
85.0809, 88.6411, 105.6849

Rectangle

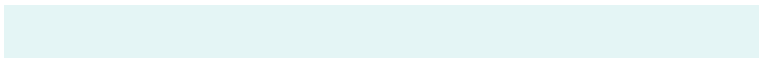
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



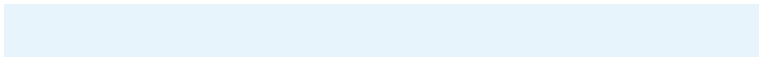
87.3945, 88.6411, 94.1646



85.6203, 88.6411, 88.4164



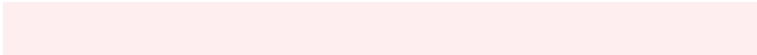
81.1832, 88.6411, 98.9044



82.8958, 88.6411, 105.0938

Sweetspot

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



87.3966, 88.6448, 94.1665



92.6811, 96.4837, 104.3444



89.4507, 89.4184, 107.1527



19.8624, 20.6883, 22.3817



0.0000, 0.0000, 0.0000



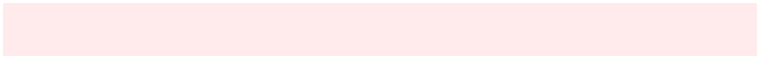
20.3446, 21.4041, 23.3091

Same Dimension

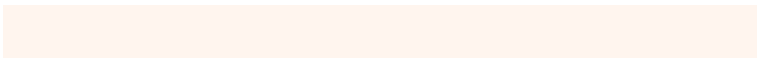
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.3966, 88.6448, 94.1665



85.9445, 86.4921, 91.3657



89.4380, 92.9624, 94.1233



18.0525, 18.0043, 18.8937



21.6104, 11.1334, 1.3328



2.1186, 1.0898, 0.2059

Inverse Universe

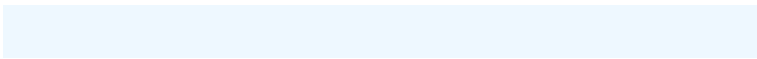
The Inverse Universe completely reimagines the original color for something new.



87.3966, 88.6448, 94.1665



85.9445, 86.4921, 91.3657



86.7676, 92.3094, 107.8521



18.0525, 18.0043, 18.8937



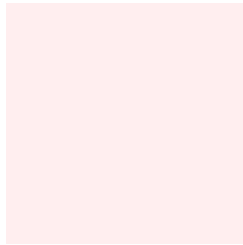
21.6104, 11.1334, 1.3328



2.1186, 1.0898, 0.2059

Previews

White Background



This preview shows how the XYZ color 87.3945, 88.6411, 94.1646 looks on a white background.

Color Contrast Check

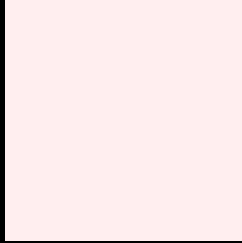
Large Text (above 18pt) WCAG AA × Fail

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 87.3945, 88.6411, 94.1646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

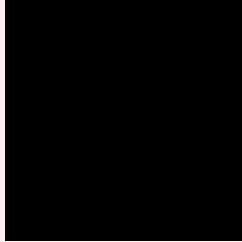
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

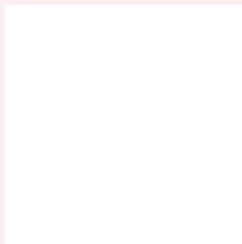
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.3945, 88.6411, 94.1646

Background



This preview shows how black text looks on a background with the XYZ color 87.3945, 88.6411, 94.1646.



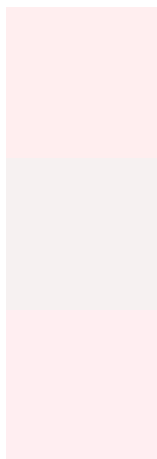
This preview shows how white text looks on a background with the XYZ color 87.3945, 88.6411,

94.1646.

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

87.3945, 88.6411, 94.1646

Protanopia

85.3385, 88.8543, 95.8719

Deuteranopia

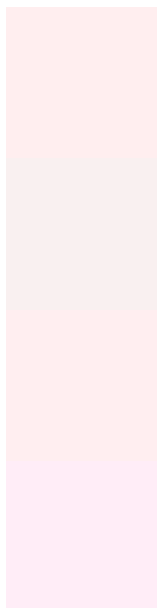
87.6917, 88.7599, 95.7296



Tritanopia

89.0949, 88.8566, 104.5507

Trichromacy



Original Color

87.3945, 88.6411, 94.1646

Protanomaly

85.9552, 88.7512, 95.0384

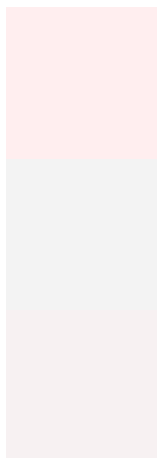
Deuteranomaly

87.5427, 88.7003, 94.9450

Tritanomaly

88.3127, 88.5438, 100.4318

Monochromacy



Original Color

87.3945, 88.6411, 94.1646

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.8401, 89.0956, 96.6773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.3945, 88.6411, 94.1646 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(255, 238, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 238, 239)  
}
```

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(255, 238, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 239) }
```

Border

The CSS property to change the border of an element to XYZ 87.3945, 88.6411, 94.1646 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(255, 238, 239) }
```


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

```
.border{ border-color:rgb(255, 238, 239) }
```

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

Here you see how a box with a 4 pixel rgb(255, 238, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 238, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 238, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 238,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 87.3945, 88.6411, 94.1646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 238, 239) }
```

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

```
.background{ background-color: rgb(255,  
238, 239) }
```

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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