

Converting Colors

XYZ(87.1238, 88.0738, 94.1543)

Have a look what the booklet for
XYZ(87.1238, 88.0738, 94.1543)
contains.

XYZ(87.1042, 88.0604, 94.0678)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(87.1042, 88.0604,
94.0678)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEDEF
RGB	255, 237, 239
RGB Percent	100%, 93%, 94%
CMY	0.0000, 0.0706, 0.0627
CMYK	0.00, 0.07, 0.06, 0.00
HSL	353°, 100%, 96%
HSV	353°, 7%, 100%
XYZ	87.1042, 88.0604, 94.0678
YIQ	242.6100, 10.0860, 4.4380

Conversions

Conversions Part 2

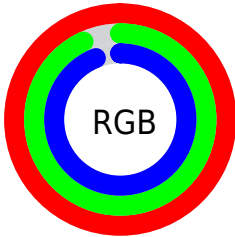
Format	Color
R _Y B	255, 237, 239
Decimal	16772591
CIE Lab	95.19, 6.41, 1.22
CIE LCh	95, 6.528, 10.747
Yxy	88.0604, 0.3235, 0.3271
Android (android.graphics.Color)	4294962671 (0xFFFFEDEF)
YUV	242.6100, -1.7797, 10.8660
Hunter-Lab	93.8405, 1.4656, 6.2547

Details

The XYZ color **87.1042, 88.0604, 94.0678** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.4174, 96.6177, 106.9212**, and the grayscale version is **84.8914, 89.3124, 97.2612**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.3598, 48.4724, 51.6070** is the 20% darker color. If you saturate the color by 10%, you get **77.0975, 73.0753, 75.2308**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

Distribution



Red (100%)

Green (93%)

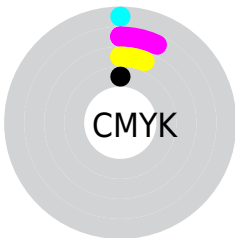
Blue (94%)



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 87.1042, 88.0604, 94.0678 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 87.1042, 88.0604, 94.0678 by changing the saturation by 10% instead.


 87.1042, 88.0604,
94.0678

 87.1042, 88.0604,
94.0678


506.9446,
521.7010, 562.0842

 65.9098, 66.3731,
70.7668


142.2083,
144.6412, 154.9606

 48.4666, 48.5753,
51.6712


176.8486,
180.3036, 193.3894

 34.4093, 34.2827,
36.3626


216.7017,
221.3930, 237.6979

 23.3726, 23.1109,
24.4225

262.1328,
268.2940, 288.3046

 14.9911, 14.6754,
15.4322

313.5072,
321.3909, 345.6280

 8.8994, 8.5919,
8.9733

371.1905,

 4.7322, 4.4760,

381.0681, 410.0867

4.6272

435.5478,
447.7100, 482.0993

■ 2.1241, 1.9432,
1.9754

■ 0.7023, 0.5742,
0.5401

■ 87.1042, 88.0604,
94.0678

■ 87.1042, 88.0604,
94.0678

■ 77.0975, 73.0753,
75.2308

95.0500, 100.0000,
108.9000

■ 68.4994, 60.2600,
58.8586

■ 61.2480, 49.5172,
44.8505

■ 55.2750, 40.7377,
33.0971

■ 50.5056, 33.8027,
23.4802

■ 46.8574, 28.5803,
15.8708

■ 44.2377, 24.9210,
10.1258

■ 42.5382, 22.6497,
6.0830

■ 41.6242, 21.5440,
3.5510

Harmonies

Analogous

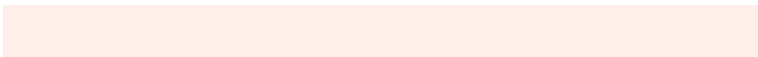
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.9694, 88.0604, 99.1491



87.1042, 88.0604, 94.0678



86.3168, 88.0604, 89.6302

Triad

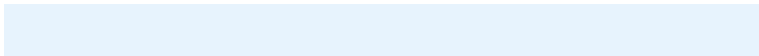
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.1042, 88.0604, 94.0678



81.4861, 88.0604, 88.6517



82.5760, 88.0604, 105.4308

Complementary

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



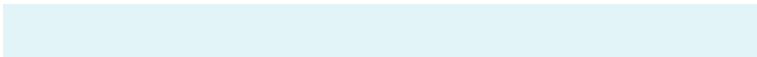
87.1042, 88.0604, 94.0678



88.4174, 96.6177, 106.9212

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.



81.1342, 88.0604, 102.4196



87.1042, 88.0604, 94.0678



80.5111, 88.0604, 92.6890

Square

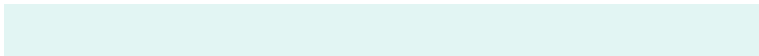
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.1042, 88.0604, 94.0678



83.0626, 88.0604, 86.5776



80.3833, 88.0604, 97.7210



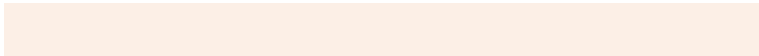
84.3382, 88.0604, 105.8319

Rectangle

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



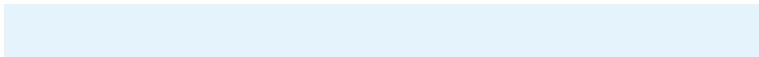
87.1042, 88.0604, 94.0678



85.3813, 88.0604, 87.5880



80.3833, 88.0604, 97.7210



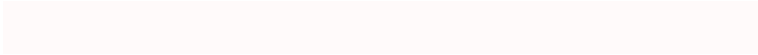
82.0385, 88.0604, 104.6854

Sweetspot

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



87.1062, 88.0640, 94.0697



92.7230, 96.5005, 104.5652



88.8078, 88.6559, 107.0394



19.8709, 20.6917, 22.4267



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

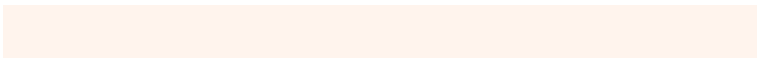
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.1062, 88.0640, 94.0697



86.0999, 86.5542, 92.1841



88.8487, 92.0182, 93.2039



18.0913, 18.0198, 19.0977



21.6861, 11.1637, 1.7315



2.1369, 1.0971, 0.3022

Inverse Universe

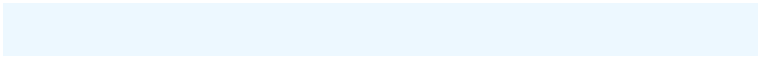
The Inverse Universe completely reimagines the original color for something new.



87.1062, 88.0640, 94.0697



86.0999, 86.5542, 92.1841



86.5760, 92.4233, 107.8842



18.0913, 18.0198, 19.0977



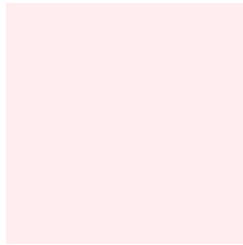
21.6861, 11.1637, 1.7315



2.1369, 1.0971, 0.3022

Previews

White Background



This preview shows how the XYZ color 87.1042, 88.0604, 94.0678 looks on a white background.

Color Contrast Check

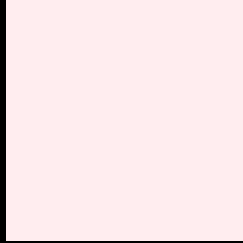
Large Text (above 18pt) WCAG AA × Fail

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 87.1042, 88.0604, 94.0678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

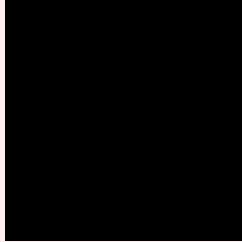
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 87.1042, 88.0604, 94.0678

Background



This preview shows how black text looks on a background with the XYZ color 87.1042, 88.0604, 94.0678.



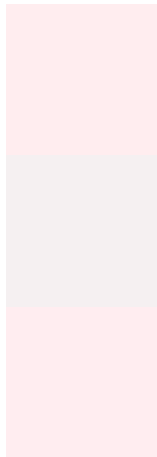
This preview shows how white text looks on a background with the XYZ color 87.1042, 88.0604,

94.0678.

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

87.1042, 88.0604, 94.0678

Protanopia

84.6935, 88.0835, 95.7571

Deuteranopia

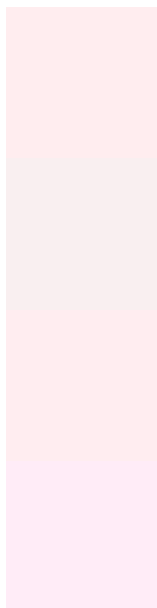
87.2524, 88.1196, 94.8482



Tritanopia

88.8061, 88.2792, 104.4545

Trichromacy



Original Color

87.1042, 88.0604, 94.0678

Protanomaly

85.6616, 88.1640, 94.9406

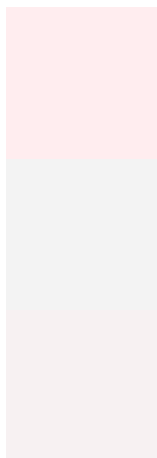
Deuteranomaly

87.2524, 88.1196, 94.8482

Tritanomaly

88.0240, 87.9663, 100.3355

Monochromacy



Original Color

87.1042, 88.0604, 94.0678

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 87.1042, 88.0604, 94.0678 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, 237, 239) looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 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, 237, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 239) }
```

Border

The CSS property to change the border of an element to XYZ 87.1042, 88.0604, 94.0678 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, 237, 239) }
```


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

```
.border{ border-color:rgb(255, 237, 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, 237, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 87.1042, 88.0604, 94.0678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 239) }
```

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

```
.background{ background-color: rgb(255,  
237, 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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