

Converting Colors

XYZ(137.9510, 114.5545,
100.3656)

Have a look what the booklet for
XYZ(137.9510, 114.5545, 100.3656)
contains.

XYZ(88.1437, 88.9407, 98.1096)	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(88.1437, 88.9407,
98.1096)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEEF4
RGB	255, 238, 244
RGB Percent	100%, 93%, 96%
CMY	0.0000, 0.0666, 0.0431
CMYK	0.00, 0.07, 0.04, 0.00
HSL	339°, 100%, 97%
HSV	339°, 7%, 100%
XYZ	88.1437, 88.9407, 98.1096
YIQ	243.7670, 8.2060, 5.4700

Conversions

Conversions Part 2

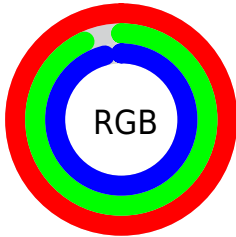
Format	Color
R_{YB}	255, 238, 244
Decimal	16772852
CIE _{Lab}	95.56, 6.75, -0.84
CIE _{LCh}	96, 6.798, 352.936
Yxy	88.9407, 0.3203, 0.3232
Android (android.graphics.Color)	4294962932 (0xFFFFEEF4)
YUV	243.7670, 0.1149, 9.8513
Hunter-Lab	94.3084, 1.7923, 4.3361

Details

The XYZ color **88.1437, 88.9407, 98.1096** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.1214, 96.5380, 103.6152**, and the grayscale version is **85.7992, 90.2674, 98.3012**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.0938, 49.0925, 54.4652** is the 20% darker color. If you saturate the color by 10%, you get **78.8442, 74.1739, 83.1958**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

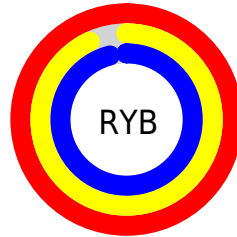
Distribution



Red (100%)

Green (93%)

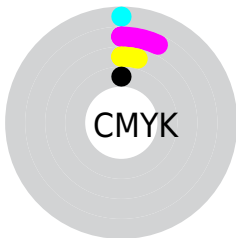
Blue (96%)



Red (100%)

Yellow (93%)

Blue (96%)

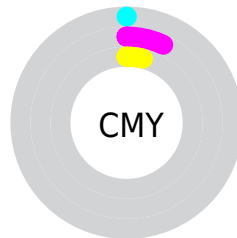


Cyan (0%)

Magenta (7%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.1437, 88.9407, 98.1096 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 88.1437, 88.9407, 98.1096 by changing the saturation by 10% instead.


 88.1437, 88.9407,
98.1096

 88.1437, 88.9407,
98.1096


510.3021,
524.5789, 575.3095

 66.7733, 67.1024,
74.1147


143.6487,
145.8661, 160.5861

 49.1704, 49.1679,
54.3905

178.5140,
181.7220, 199.9047

 34.9698, 34.7526,
38.5187


218.6083,
223.0192, 245.1682

 23.8060, 23.4724,
26.0805

264.2969,
270.1421, 296.7953

 15.3137, 14.9427,
16.6576

315.9452,
323.4752, 355.2044

 9.1276, 8.7792,
9.8313

373.9186,

 4.8823, 4.5974,

383.4027, 420.8142

5.1831

438.5825,
450.3092, 494.0430

■ 2.2124, 2.0131,
2.2945

■ 0.7493, 0.6150,
0.7281

■ 88.1437, 88.9407,
98.1096

■ 88.1437, 88.9407,
98.1096

■ 78.8442, 74.1739,
83.1958

95.0500, 100.0000,
108.9000

■ 70.7689, 61.5061,
69.7669

■ 63.8664, 50.8441,
57.7770

■ 58.0798, 42.0839,
47.1755

■ 53.3466, 35.1117,
37.9088

■ 49.5985, 29.8017,
29.9192

■ 46.7580, 26.0114,
23.1442

■ 44.7355, 23.5737,
17.5146

■ 43.4195, 22.2795,
12.9514

Harmonies

Analogous

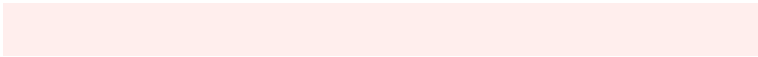
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.4288, 88.9407, 103.1627



88.1437, 88.9407, 98.1096



87.8805, 88.9407, 92.8947

Triad

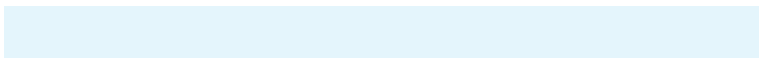
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.1437, 88.9407, 98.1096



83.1460, 88.9407, 87.6895



82.3929, 88.9407, 105.2680

Complementary

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



88.1437, 88.9407, 98.1096



88.1214, 96.5380, 103.6152

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.



81.2764, 88.9407, 100.8981



88.1437, 88.9407, 98.1096



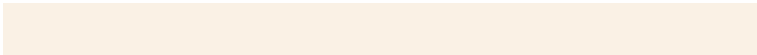
81.7067, 88.9407, 90.7835

Square

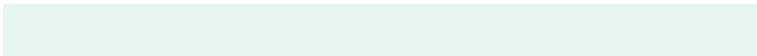
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



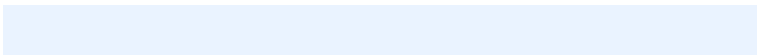
88.1437, 88.9407, 98.1096



84.9772, 88.9407, 87.0045



81.0271, 88.9407, 95.5840



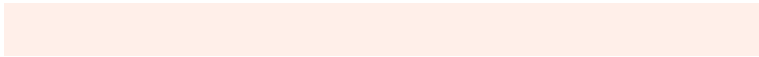
84.0953, 88.9407, 107.3930

Rectangle

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



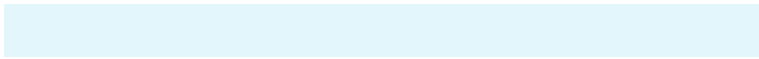
88.1437, 88.9407, 98.1096



87.1876, 88.9407, 90.0140



81.0271, 88.9407, 95.5840



81.9377, 88.9407, 104.0054

Sweetspot

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



88.1457, 88.9443, 98.1115



92.9176, 96.5783, 105.5901



87.6108, 88.4698, 107.0665



19.9105, 20.7076, 22.6354



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

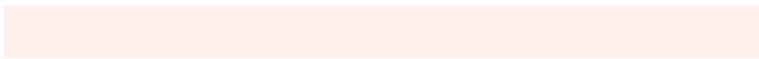
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.1457, 88.9443, 98.1115



86.8305, 86.8465, 96.0316



87.9137, 89.9137, 93.6150



18.2740, 18.0929, 20.0602



22.5763, 11.5198, 6.4190



2.2477, 1.1415, 0.8860

Inverse Universe

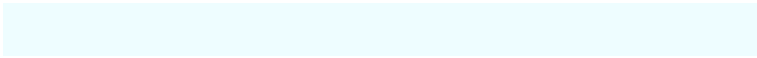
The Inverse Universe completely reimagines the original color for something new.



88.1457, 88.9443, 98.1115



86.8305, 86.8465, 96.0316



88.3533, 95.4810, 108.3807



18.2740, 18.0929, 20.0602



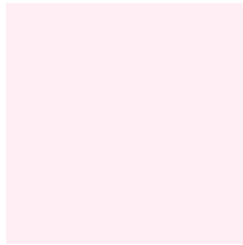
22.5763, 11.5198, 6.4190



2.2477, 1.1415, 0.8860

Previews

White Background



This preview shows how the XYZ color 88.1437, 88.9407, 98.1096 looks on a white background.

Color Contrast Check

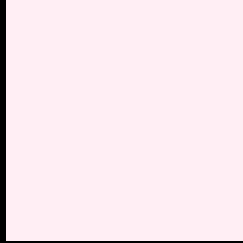
Large Text (above 18pt) WCAG AA × Fail

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 88.1437, 88.9407, 98.1096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

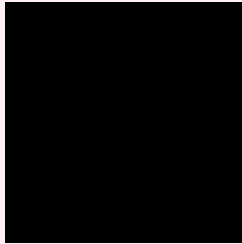
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.1437, 88.9407, 98.1096

Background



This preview shows how black text looks on a background with the XYZ color 88.1437, 88.9407, 98.1096.

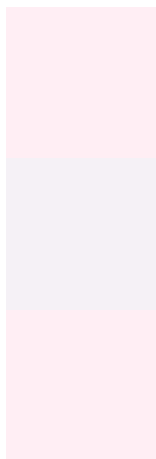


This preview shows how white text looks on a background with the XYZ color 88.1437, 88.9407,

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

88.1437, 88.9407, 98.1096

Protanopia

85.7460, 88.9769, 99.8437

Deuteranopia

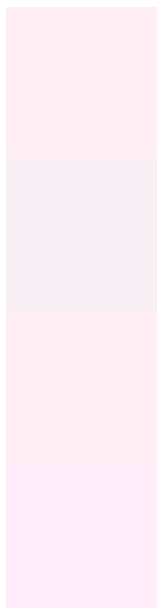
88.1437, 88.9407, 98.1096



Tritanopia

89.2538, 88.9202, 105.3876

Trichromacy



Original Color

88.1437, 88.9407, 98.1096

Protanomaly

86.7084, 89.0525, 99.0050

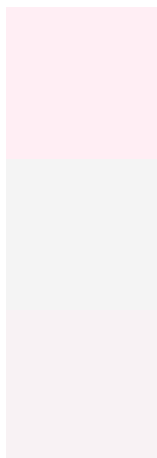
Deuteranomaly

88.1437, 88.9407, 98.1096

Tritanomaly

88.7795, 88.7305, 102.8900

Monochromacy



Original Color

88.1437, 88.9407, 98.1096

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.7927, 89.9924, 98.3838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.1437, 88.9407, 98.1096 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, 244) looks like.

```
.text, #text, p{  
    color:rgb(255, 238, 244)  
}
```

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, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 244) }
```

Border

The CSS property to change the border of an element to XYZ 88.1437, 88.9407, 98.1096 is called "border". The border property can be set on classes, ids or directly on the HTML element.

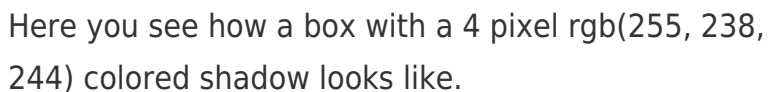
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 238, 244) }
```


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

```
.border{ border-color:rgb(255, 238, 244) }
```

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, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 238, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 238, 244); box-shadow:4px 4px 4px 4px rgb(255, 238, 244) }
```

Background

The CSS property to change the background color of an element to XYZ 88.1437, 88.9407, 98.1096 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, 244) }
```

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

```
.background{ background-color: rgb(255,  
238, 244) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor