

Converting Colors

XYZ(88.5704, 94.5562, 97.5874)

Have a look what the booklet for
XYZ(88.5704, 94.5562, 97.5874)
contains.

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Color

**XYZ(88.5704, 94.5562,
97.5874)**

Conversions

Conversions Part 1

Format	Color
Hex	F7FAF2
RGB	247, 250, 242
RGB Percent	97%, 98%, 95%
CMY	0.0314, 0.0196, 0.0510
CMYK	0.01, 0.00, 0.03, 0.02
HSL	83°, 44%, 96%
HSV	83°, 3%, 98%
XYZ	88.5704, 94.5562, 97.5874
YIQ	248.1910, 0.7800, -3.1240

Conversions

Conversions Part 2

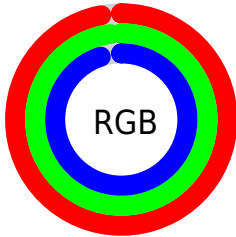
Format	Color
R _Y B	242, 250, 245
Decimal	16251634
CIE Lab	97.86, -2.38, 3.47
CIE LCh	98, 4.211, 124.448
Yxy	94.5562, 0.3155, 0.3368
Android (android.graphics.Color)	4294441714 (0xFF7FAF2)
YUV	248.1910, -3.0522, -1.0445
Hunter-Lab	97.2400, -7.5845, 8.5662

Details

The XYZ color 88.5704, 94.5562, 97.5874 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.6673, 89.8214, 103.2168, and the grayscale version is 89.4054, 94.0614, 102.4329.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.6406, 53.2051, 54.1076 is the 20% darker color. If you saturate the color by 10%, you get 81.8435, 91.4957, 78.9933, and if you desaturate by 10%, it is 93.4775, 96.8549, 108.3758.

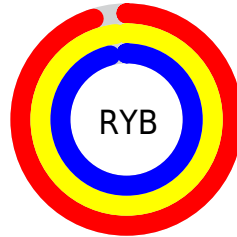
Distribution



Red (97%)

Green (98%)

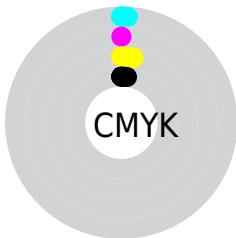
Blue (95%)



Red (95%)

Yellow (98%)

Blue (96%)

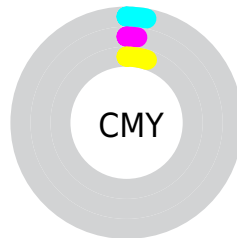


Cyan (1%)

Magenta (0%)

Yellow (3%)

Black (2%)



Cyan (3%)

Magenta (2%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.5704, 94.5562, 97.5874 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 88.5704, 94.5562, 97.5874 by changing the saturation by 10% instead.

88.5704, 94.5562,
97.5874

88.5704, 94.5562,
97.5874

511.6769,
542.7432, 573.6101

67.1279, 71.7657,
73.6816

144.2395,
153.6513, 159.8606

49.4597, 52.9673,
54.0383

179.1968,
190.7247, 199.0651

35.2003, 37.7766,
38.2389

219.3898,
233.3278, 244.2062

23.9844, 25.8094,
25.8649

265.1837,
281.8451, 295.7024

15.4468, 16.6811,
16.4977

316.9441,
336.6608, 353.9724

9.2219, 10.0074,
9.7189

375.0361,

4.9445, 5.4038,

398.1595, 419.4347

5.1098

439.8253,
466.7255, 492.5077

■ 2.2491, 2.4861,
2.2520

■ 0.7684, 0.8697,
0.7041

■ 88.5704, 94.5562,
97.5874

■ 88.5704, 94.5562,
97.5874

■ 81.8435, 91.4957,
78.9933

■ 93.4775, 96.8549,
108.3758

■ 75.7708, 88.7128,
62.9992

■ 70.3304, 86.2016,
49.4910

■ 65.4960, 83.9510,
38.3431

■ 61.2391, 81.9496,
29.4195

■ 57.5286, 80.1846,
22.5699

■ 54.3297, 78.6416,
17.6257

■ 51.6026, 77.3045,
14.3917

■ 49.2994, 76.1538,
12.6310

Harmonies

Analogous

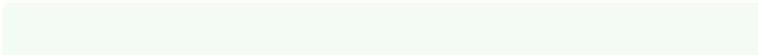
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.6935, 94.5562, 96.4896



88.5704, 94.5562, 97.5874



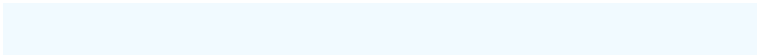
87.8015, 94.5562, 100.1239

Triad

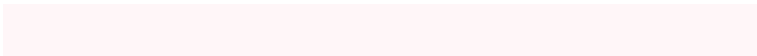
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5704, 94.5562, 97.5874



88.8785, 94.5562, 109.0503



92.1994, 94.5562, 102.4426

Complementary

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



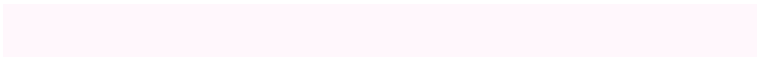
88.5704, 94.5562, 97.5874



86.6673, 89.8214, 103.2168

Split Complementary

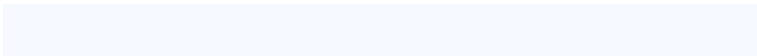
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.9765, 94.5562, 105.8403



88.5704, 94.5562, 97.5874



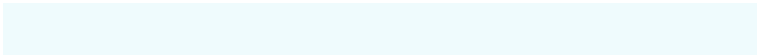
90.0524, 94.5562, 109.7043

Square

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



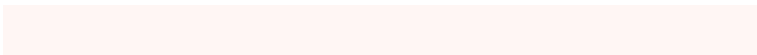
88.5704, 94.5562, 97.5874



87.9783, 94.5562, 106.7495



91.1880, 94.5562, 108.5172



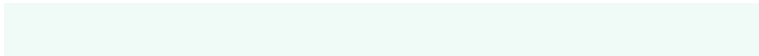
91.7944, 94.5562, 99.2527

Rectangle

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



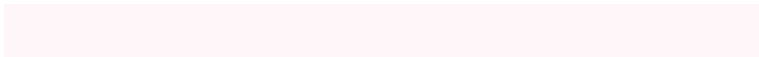
88.5704, 94.5562, 97.5874



87.5896, 94.5562, 102.3159



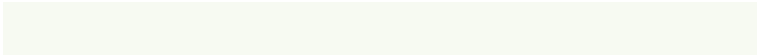
91.1880, 94.5562, 108.5172



92.1954, 94.5562, 103.5981

Sweetspot

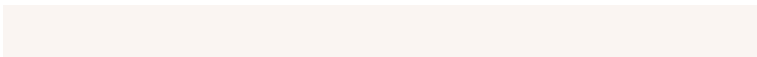
The Sweet Spot groups the original color and five complimentary colors.



88.5730, 94.5603, 97.5895



94.2908, 99.6558, 106.7356



88.0870, 92.0025, 97.1214



20.1901, 21.3341, 22.8686



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.



88.5730, 94.5603, 97.5895



92.0563, 98.6414, 100.4140



87.2007, 93.8528, 97.5252



18.7512, 20.1612, 20.2624



25.5866, 40.1086, 6.3932



2.4872, 3.7753, 0.5976

Inverse Universe

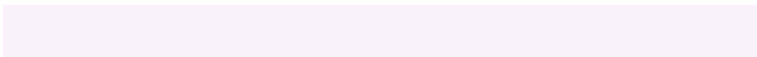
The Inverse Universe completely reimagines the original color for something new.



86.6673, 89.8214, 103.2168



89.5766, 92.4754, 107.7361



88.0540, 90.5363, 103.2817



18.1518, 18.6707, 22.0324



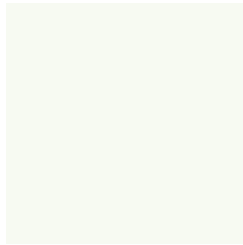
11.7389, 4.9943, 48.3188



1.2004, 0.5209, 4.4805

Previews

White Background



This preview shows how the XYZ color 88.5704, 94.5562, 97.5874 looks on a white background.

Color Contrast Check

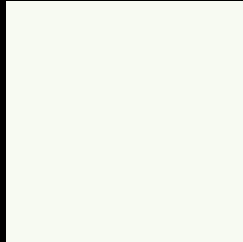
Large Text (above 18pt) WCAG AA × Fail

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 88.5704, 94.5562, 97.5874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

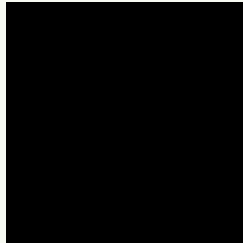
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

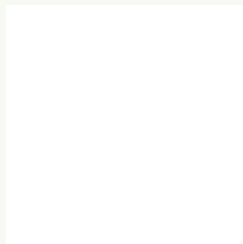
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.5704, 94.5562, 97.5874

Background



This preview shows how black text looks on a background with the XYZ color 88.5704, 94.5562, 97.5874.



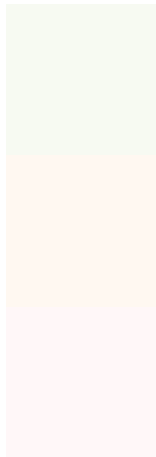
This preview shows how white text looks on a background with the XYZ color 88.5704, 94.5562,

97.574.

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

88.5704, 94.5562, 97.5874

Protanopia

90.6846, 94.7457, 96.7272

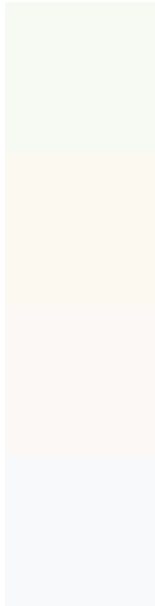
Deuteranopia

91.4440, 94.5588, 102.2390

Tritanopia

90.6843, 94.4945, 108.0674

Trichromacy



Original Color

88.5704, 94.5562, 97.5874

Protanomaly

89.8977, 94.7977, 96.7788

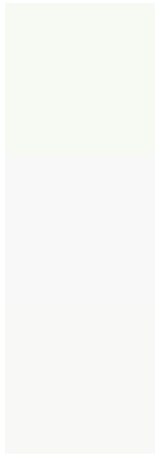
Deuteranomaly

90.3468, 94.4841, 100.6642

Tritanomaly

89.8424, 94.6099, 103.9688

Monochromacy



Original Color

88.5704, 94.5562, 97.5874

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

89.2216, 94.3616, 100.6999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.5704, 94.5562, 97.5874 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(247, 250, 242) looks like.

```
.text, #text, p{  
    color:rgb(247, 250, 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(247, 250, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 250, 242) }
```

Border

The CSS property to change the border of an element to XYZ 88.5704, 94.5562, 97.5874 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(247, 250, 242) }
```


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

```
.border{ border-color:rgb(247, 250, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 250, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 250, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 250, 242);  
box-shadow:4px 4px 4px 4px rgb(247, 250,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 88.5704, 94.5562, 97.5874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 250, 242) }
```

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

```
.background{ background-color: rgb(247,  
250, 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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