

# Converting Colors

XYZ(88.4070, 94.8201, 97.3058)

Have a look what the booklet for  
XYZ(88.4070, 94.8201, 97.3058)  
contains.

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# **Color**

**XYZ(88.5302, 94.9980,  
97.6748)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6FBF2
RGB	246, 251, 242
RGB Percent	96%, 98%, 95%
CMY	0.0353, 0.0157, 0.0510
CMYK	0.02, 0.00, 0.04, 0.02
HSL	93°, 53%, 97%
HSV	93°, 4%, 98%
XYZ	88.5302, 94.9980, 97.6748
YIQ	248.4790, -0.0910, -3.8590

# Conversions

## Conversions Part 2

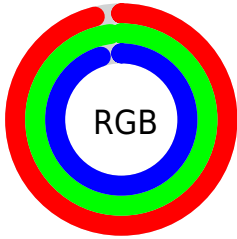
Format	Color
R <sub>Y</sub> B	242, 251, 247
Decimal	16186354
CIE Lab	98.03, -3.22, 3.72
CIE LCh	98, 4.920, 130.868
Yxy	94.9980, 0.3148, 0.3378
Android (android.graphics.Color)	4294376434 (0xFFFF6FBF2)
YUV	248.4790, -3.1941, -2.1741
Hunter-Lab	97.4669, -8.4337, 8.8104

# Details

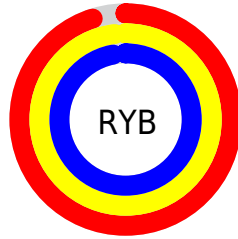
The XYZ color 88.5302, 94.9980, 97.6748 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.5262, 90.2461, 104.0778, and the grayscale version is 89.6428, 94.3112, 102.7049.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.6132, 53.5225, 54.1704 is the 20% darker color. If you saturate the color by 10%, you get 80.3057, 91.1669, 78.9427, and if you desaturate by 10%, it is 93.7890, 97.4781, 108.4797.

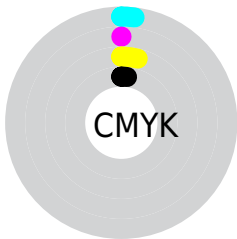
# Distribution



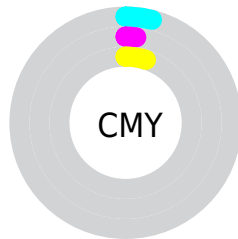
- Red (96%)
- Green (98%)
- Blue (95%)



- Red (95%)
- Yellow (98%)
- Blue (97%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (2%)



- Cyan (4%)
- Magenta (2%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 88.5302, 94.9980, 97.6748 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 88.5302, 94.9980, 97.6748 by changing the saturation by 10% instead.



88.5302, 94.9980,  
97.6748

88.5302, 94.9980,  
97.6748

511.5474,  
544.1586, 573.8947

67.0945, 72.1333,  
73.7541

144.1838,  
154.2618, 159.9820

49.4324, 53.2676,  
54.0972

179.1325,  
191.4298, 199.2056

35.1786, 38.0164,  
38.2857

219.3162,  
234.1343, 244.3672

23.9676, 25.9954,  
25.9009

265.1002,  
282.7597, 295.8854

15.4342, 16.8202,  
16.5244

316.8500,  
337.6904, 354.1787

9.2130, 10.1064,  
9.7377

374.9309,

4.9386, 5.4696,

399.3109, 419.6657

5.1220

439.7083,  
468.0055, 492.7648

■ 2.2457, 2.5253,  
2.2591

■ 0.7666, 0.8893,  
0.7081

■ 88.5302, 94.9980,  
97.6748

■ 88.5302, 94.9980,  
97.6748

■ 80.3057, 91.1669,  
78.9427

■ 93.7890, 97.4781,  
108.4797

■ 72.9346, 87.7158,  
62.8402

■ 66.3889, 84.6354,  
49.2512

■ 60.6360, 81.9117,  
38.0485

■ 55.6408, 79.5295,  
29.0937

■ 51.3650, 77.4727,  
22.2343

■ 47.7663, 75.7230,  
17.2988

■ 44.7971, 74.2603,  
14.0885

■ 42.4005, 73.0606,  
12.3614

# Harmonies

## Analogous

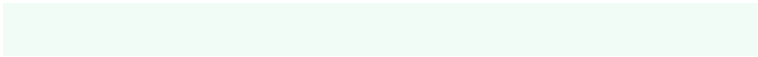
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.7825, 94.9980, 95.9965



88.5302, 94.9980, 97.6748



87.7552, 94.9980, 100.9124

# Triad

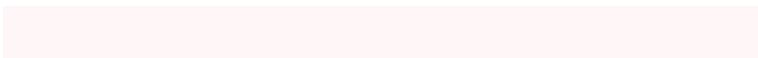
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5302, 94.9980, 97.6748



89.4070, 94.9980, 110.9479



92.9818, 94.9980, 101.9794

# Complementary

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



88.5302, 94.9980, 97.6748



87.5262, 90.2461, 104.0778

# Split Complementary

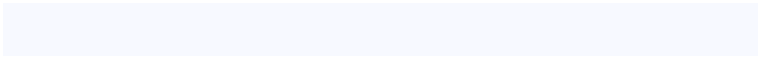
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.8787, 94.9980, 106.0027



88.5302, 94.9980, 97.6748



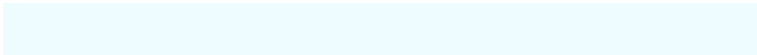
90.8049, 94.9980, 111.2517

# Square

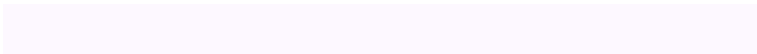
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



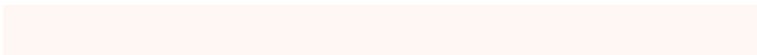
88.5302, 94.9980, 97.6748



88.2578, 94.9980, 108.6013



92.0785, 94.9980, 109.4208



92.3587, 94.9980, 98.4384

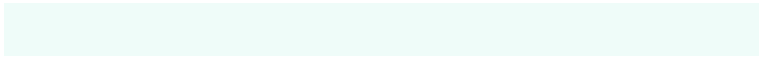


# Rectangle

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



88.5302, 94.9980, 97.6748



87.6087, 94.9980, 103.5544



92.0785, 94.9980, 109.4208



93.0311, 94.9980, 103.3191

# Sweetspot

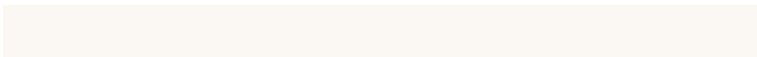
The Sweet Spot groups the original color and five complimentary colors.



88.5329, 95.0021, 97.6769



94.1226, 99.5690, 106.7277



89.0598, 93.4147, 97.3427



20.1559, 21.3164, 22.8670



0.0000, 0.0000, 0.0000

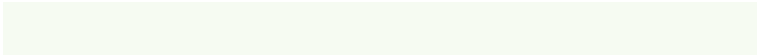


20.3446, 21.4041, 23.3091



# Same Dimension

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



88.5329, 95.0021, 97.6769



91.3958, 98.3009, 100.3831



87.2126, 94.3137, 97.9685



18.5915, 20.0789, 20.2550



21.7732, 38.1428, 6.2147



2.1363, 3.5944, 0.5812



# Inverse Universe

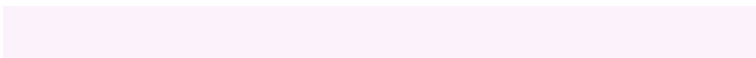
The Inverse Universe completely reimagines the original color for something new.



87.5262, 90.2461, 104.0778



90.2346, 92.8146, 107.7669



88.8811, 90.9527, 103.7712



18.3108, 18.7527, 22.0398



14.9644, 6.6571, 48.4698

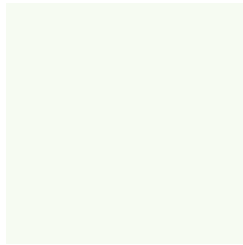


1.5079, 0.6794, 4.4948



# Previews

## White Background



This preview shows how the XYZ color 88.5302, 94.9980, 97.6748 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

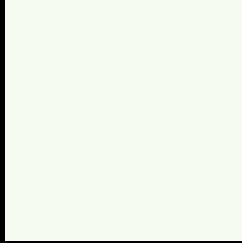
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 88.5302, 94.9980, 97.6748 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

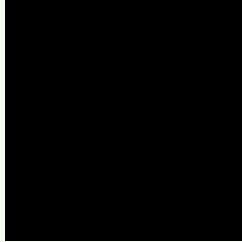
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

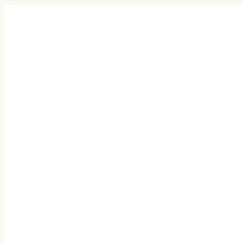
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 88.5302, 94.9980, 97.6748**

## **Background**



This preview shows how black text looks on a background with the XYZ color 88.5302, 94.9980, 97.6748.



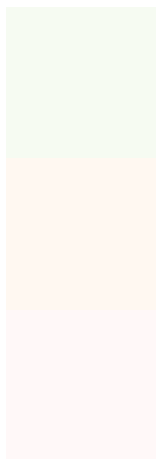
This preview shows how white text looks on a background with the XYZ color 88.5302, 94.9980,

97.648.

# 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

88.5302, 94.9980, 97.6748

### Protanopia

90.6846, 94.7457, 96.7272

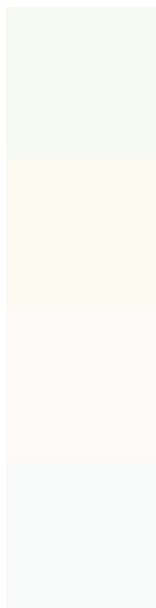
### Deuteranopia

91.7507, 95.1721, 102.3412

## **Tritanopia**

90.9926, 95.1111, 108.1702

# Trichromacy



## Original Color

88.5302, 94.9980, 97.6748

## Protanomaly

89.8977, 94.7977, 96.7788

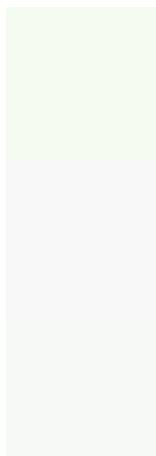
## Deuteranomaly

90.6551, 95.1006, 100.7670

## Tritanomaly

90.1523, 95.2298, 104.0721

# Monochromacy



## Original Color

88.5302, 94.9980, 97.6748

## Achromatopsia

89.2221, 93.8686, 102.2229

## Achromatomaly

88.8680, 94.1793, 100.6834

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 88.5302, 94.9980, 97.6748 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(246, 251, 242) looks like.

```
.text, #text, p{  
    color:rgb(246, 251, 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(246, 251, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 251, 242) }
```

## Border

The CSS property to change the border of an element to XYZ 88.5302, 94.9980, 97.6748 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(246, 251, 242) }
```



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

```
.border{ border-color:rgb(246, 251, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 251, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 251, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 251, 242);  
box-shadow:4px 4px 4px 4px rgb(246, 251,  
242) }
```

# Background

The CSS property to change the background color of an element to XYZ 88.5302, 94.9980, 97.6748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 251, 242) }
```

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

```
.background{ background-color: rgb(246,  
251, 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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