

Converting Colors

XYZ(87.9998, 92.5847,
100.8150)

Have a look what the booklet for
XYZ(87.9998, 92.5847, 100.8150)
contains.

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Color

**XYZ(88.2531, 92.9495,
100.4784)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F7F6
RGB	247, 247, 246
RGB Percent	97%, 97%, 96%
CMY	0.0314, 0.0313, 0.0353
CMYK	0.00, 0.00, 0.00, 0.03
HSL	60°, 6%, 97%
HSV	60°, 0%, 97%
XYZ	88.2531, 92.9495, 100.4784
YIQ	246.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

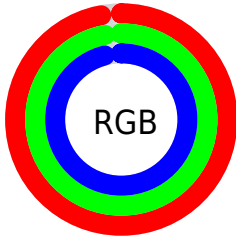
Format	Color
RYB	246, 247, 246
Decimal	16250870
CIELab	97.21, -0.17, 0.47
CIELCh	97, 0.499, 109.985
Yxy	92.9495, 0.3133, 0.3300
Android (android.graphics.Color)	4294440950 (0xFFFF7F7F6)
YUV	246.8860, -0.4368, 0.1000
Hunter-Lab	96.4103, -5.3208, 5.6955

Details

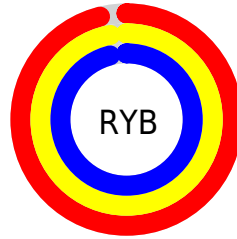
The XYZ color 88.2531, 92.9495, 100.4784 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.7538, 92.2223, 101.1760, and the grayscale version is 88.3210, 92.9206, 101.1905.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.4109, 52.0557, 56.1587 is the 20% darker color. If you saturate the color by 10%, you get 84.6757, 91.5173, 81.8189, and if you desaturate by 10%, it is 89.7075, 93.5384, 107.9344.

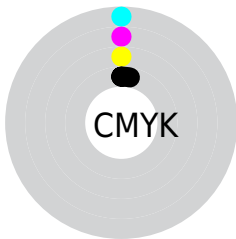
Distribution



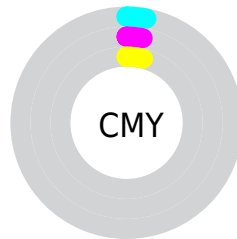
- Red (97%)
- Green (97%)
- Blue (96%)



- Red (96%)
- Yellow (97%)
- Blue (96%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)



- Cyan (3%)
- Magenta (3%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.2531, 92.9495, 100.4784 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 88.2531, 92.9495, 100.4784 by changing the saturation by 10% instead.

88.2531, 92.9495,
100.4784

88.2531, 92.9495,
100.4784

510.6547,
537.5795, 582.9852

66.8642, 70.4295,
76.0810

143.8002,
151.4287, 163.8721

49.2446, 51.8768,
55.9919

178.6891,
188.1567, 203.7054

35.0288, 36.9069,
39.7925

218.8087,
230.3895, 249.5212

23.8517, 25.1354,
27.0642

264.5244,
278.5115, 301.7379

15.3478, 16.1780,
17.3886

316.2014,
332.9072, 360.7742

9.1517, 9.6502,
10.3471

374.2053,

4.8982, 5.1676,

393.9607, 427.0484

5.5211

438.9013,
462.0567, 500.9792

■ 2.2218, 2.3460,
2.4921

■ 0.7542, 0.7979,
0.8360

■ 88.2531, 92.9495,
100.4784

■ 88.2531, 92.9495,
100.4784

■ 84.6757, 91.5173,
81.8189

■ 89.7075, 93.5384,
107.9344

■ 81.5802, 90.2748,
65.7087


■ 89.7440, 93.5573,
107.9361


■ 78.9481, 89.2178,
52.0391


■ 89.7807, 93.5761,
107.9378


■ 76.7570, 88.3371,
40.6911


■ 89.8173, 93.5950,
107.9395


 74.9823, 87.6230,
31.5358


 89.8539, 93.6139,
107.9412


 73.5971, 87.0647,
24.4316


 89.8906, 93.6328,
107.9429


 72.5714, 86.6503,
19.2206

 89.9273, 93.6517,
107.9447

 71.8709, 86.3659,
15.7217

 89.9640, 93.6706,
107.9464

 71.4545, 86.1951,
13.7190

 90.0007, 93.6896,
107.9481

Harmonies

Analogous

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



88.3929, 92.9495, 100.4437



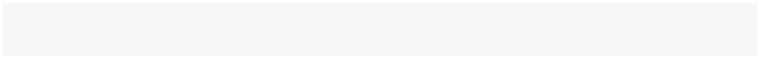
88.2531, 92.9495, 100.4784



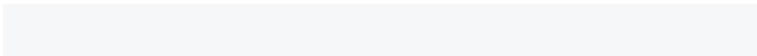
88.1383, 92.9495, 100.7079

Triad

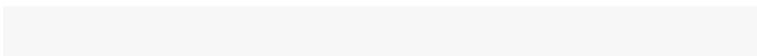
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.2531, 92.9495, 100.4784



88.1715, 92.9495, 101.8019



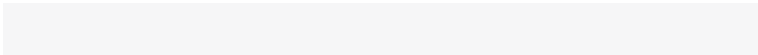
88.6129, 92.9495, 101.3413

Complementary

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



88.2531, 92.9495, 100.4784



87.7538, 92.2223, 101.1760

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.



88.5535, 92.9495, 101.7062



88.2531, 92.9495, 100.4784



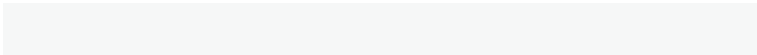
88.2986, 92.9495, 101.9726

Square

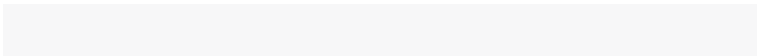
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



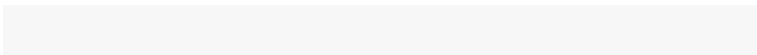
88.2531, 92.9495, 100.4784



88.0912, 92.9495, 101.4718



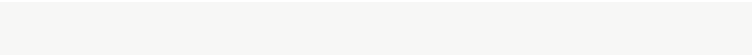
88.4384, 92.9495, 101.9375



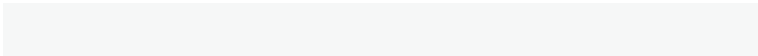
88.6007, 92.9495, 100.9411

Rectangle

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



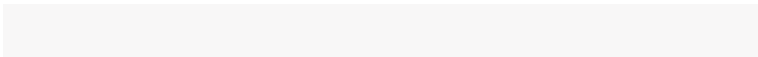
88.2531, 92.9495, 100.4784



88.0913, 92.9495, 100.9407



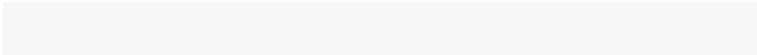
88.4384, 92.9495, 101.9375



88.6006, 92.9495, 101.4721

Sweetspot

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



88.2557, 92.9535, 100.4804

95.0500, 100.0000, 108.9000



87.9510, 92.3417, 100.3784



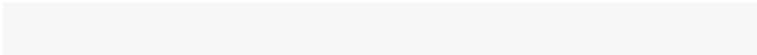
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



88.2557, 92.9535, 100.4804

95.0500, 100.0000, 108.9000



88.0804, 92.8631, 100.4722



18.6292, 19.5994, 21.3438



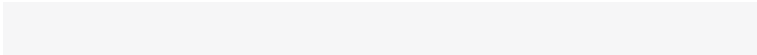
37.6872, 45.5413, 6.8040



3.3145, 4.0038, 0.5981

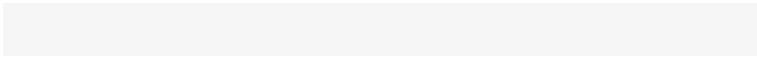
Inverse Universe

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



87.7538, 92.2223, 101.1760

95.0500, 100.0000, 108.9000



87.9287, 92.3124, 101.1842



18.6292, 19.5994, 21.3438



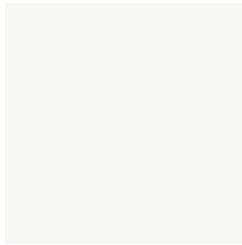
8.8887, 3.5566, 46.7560



0.7834, 0.3137, 4.1095

Previews

White Background



This preview shows how the XYZ color 88.2531, 92.9495, 100.4784 looks on a white background.

Color Contrast Check

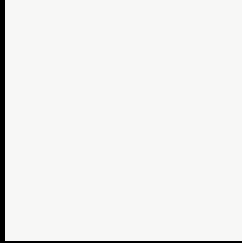
Large Text (above 18pt) WCAG AA × Fail

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 88.2531, 92.9495, 100.4784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

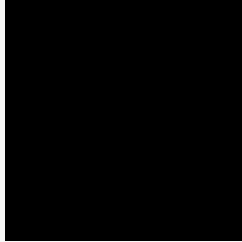
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

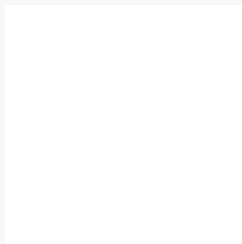
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.2531, 92.9495, 100.4784

Background



This preview shows how black text looks on a background with the XYZ color 88.2531, 92.9495, 100.4784.



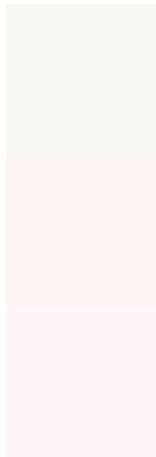
This preview shows how white text looks on a background with the XYZ color 88.2531, 92.9495,

100.4784.

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

88.2531, 92.9495, 100.4784

Protanopia

89.2209, 93.0133, 99.6371

Deuteranopia

90.3792, 92.6768, 101.1206

Tritanopia

89.7172, 93.0880, 107.8469

Trichromacy



Original Color

88.2531, 92.9495, 100.4784

Protanomaly

88.8615, 92.8281, 99.6203

Deuteranomaly

89.5858, 92.7157, 101.1699

Tritanomaly

89.2379, 92.8963, 105.3229

Monochromacy



Original Color

88.2531, 92.9495, 100.4784

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.4070, 93.0111, 101.2891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.2531, 92.9495, 100.4784 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, 247, 246) looks like.

```
.text, #text, p{  
    color:rgb(247, 247, 246)  
}
```

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, 247, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 247, 246) }
```

Border

The CSS property to change the border of an element to XYZ 88.2531, 92.9495, 100.4784 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, 247, 246) }
```

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

```
.border{ border-color:rgb(247, 247, 246) }
```

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

Here you see how a box with a 4 pixel rgb(247, 247, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 247, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 247, 246);  
box-shadow:4px 4px 4px 4px rgb(247, 247,  
246) }
```


Background

The CSS property to change the background color of an element to XYZ 88.2531, 92.9495, 100.4784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 247, 246) }
```

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

```
.background{ background-color: rgb(247,  
247, 246) }
```

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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