

Converting Colors

XYZ(88.1371, 92.0873, 99.9317)

Have a look what the booklet for
XYZ(88.1371, 92.0873, 99.9317)
contains.

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Color

**XYZ(87.9984, 91.9151,
100.2922)**

Conversions

Conversions Part 1

Format	Color
Hex	F8F5F6
RGB	248, 245, 246
RGB Percent	97%, 96%, 96%
CMY	0.0274, 0.0392, 0.0353
CMYK	0.00, 0.01, 0.01, 0.03
HSL	340°, 18%, 97%
HSV	340°, 1%, 97%
XYZ	87.9984, 91.9151, 100.2922
YIQ	246.0110, 1.4670, 0.9470

Conversions

Conversions Part 2

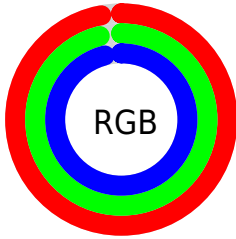
Format	Color
R _Y B	248, 245, 246
Decimal	16315894
CIE Lab	96.79, 1.18, -0.14
CIE LCh	97, 1.185, 353.340
Yxy	91.9151, 0.3140, 0.3280
Android (android.graphics.Color)	4294505974 (0xFFFF8F5F6)
YUV	246.0110, -0.0054, 1.7444
Hunter-Lab	95.8724, -3.9368, 5.0873

Details

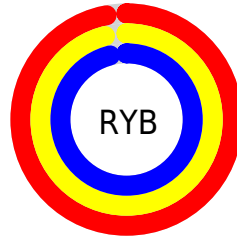
The XYZ color 87.9984, 91.9151, 100.2922 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.0156, 93.2651, 101.3634, and the grayscale version is 87.6078, 92.1702, 100.3734.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.2301, 51.3194, 56.0261 is the 20% darker color. If you saturate the color by 10%, you get 78.5644, 76.9333, 85.1644, and if you desaturate by 10%, it is 92.5220, 98.6968, 108.7817.

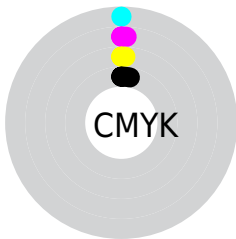
Distribution



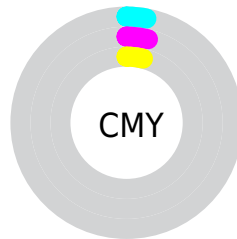
- Red (97%)
- Green (96%)
- Blue (96%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (3%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.9984, 91.9151, 100.2922 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 87.9984, 91.9151, 100.2922 by changing the saturation by 10% instead.

87.9984, 91.9151,
100.2922

87.9984, 91.9151,
100.2922

509.8335,
534.2411, 582.3838

66.6525, 69.5701,
75.9263

143.4475,
149.9957, 163.6141

49.0720, 51.1762,
55.8658

178.2814,
186.5001, 203.4071

34.8913, 36.3488,
39.6921

218.3420,
228.4932, 249.1797

23.7453, 24.7037,
26.9866

263.9947,
276.3592, 301.3503

15.2685, 15.8564,
17.3308

315.6049,
330.4826, 360.3375

9.0956, 9.4226,
10.3062

373.5378,

4.8612, 5.0179,

391.2478, 426.5597

5.4942

438.1589,
459.0392, 500.4357

■ 2.2000, 2.2577,
2.4763

■ 0.7427, 0.7512,
0.8275

■ 87.9984, 91.9151,
100.2922

■ 87.9984, 91.9151,
100.2922

■ 78.5644, 76.9333,
85.1644

■ 92.5220, 98.6968,
108.7817

■ 70.3144, 63.9675,
71.5186

■ 63.2024, 52.9345,
59.3105

■ 57.1765, 43.7408,
48.4910

■ 52.1808, 36.2851,
39.0084

■ 48.1539, 30.4561,
30.8074

■ 45.0278, 26.1296,
23.8284

■ 42.7248, 23.1631,
18.0062

■ 41.1528, 21.3862,
13.2680


Harmonies

Analogous

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



87.8758, 91.9151, 101.1759



87.9984, 91.9151, 100.2922



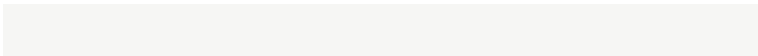
87.9502, 91.9151, 99.3571

Triad

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



87.9984, 91.9151, 100.2922



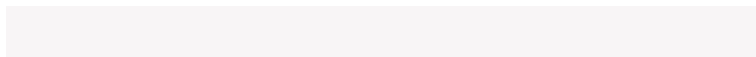
87.1098, 91.9151, 98.4100



86.9818, 91.9151, 101.5543

Complementary

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




87.9984, 91.9151, 100.2922



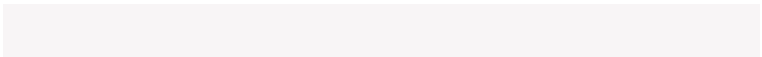
88.0156, 93.2651, 101.3634

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.



86.7775, 91.9151, 100.8063



87.9984, 91.9151, 100.2922



86.8512, 91.9151, 98.9919

Square

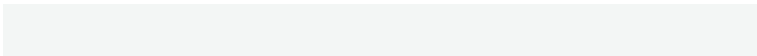
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.9984, 91.9151, 100.2922



87.4366, 91.9151, 98.2742



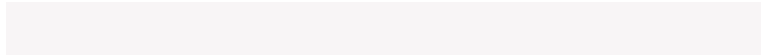
86.7298, 91.9151, 99.8679



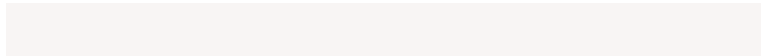
87.2885, 91.9151, 101.9076

Rectangle

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



87.9984, 91.9151, 100.2922



87.8278, 91.9151, 98.8299



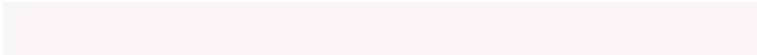
86.7298, 91.9151, 99.8679



86.8989, 91.9151, 101.3404

Sweetspot

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



88.0010, 91.9191, 100.2942

95.0500, 100.0000, 108.9000



87.9566, 91.8605, 101.9034



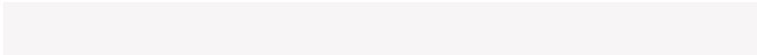
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

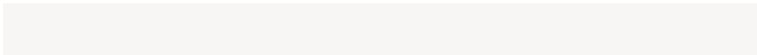
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.0010, 91.9191, 100.2942



93.9690, 98.2746, 107.1935



87.9998, 92.1606, 99.5416



19.2657, 20.1547, 21.9821



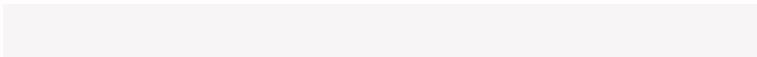
21.8016, 11.1364, 5.6635



2.0662, 1.0502, 0.7718

Inverse Universe

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



88.0010, 91.9191, 100.2942



93.9690, 98.2746, 107.1935



88.0164, 93.0202, 102.1240



19.2657, 20.1547, 21.9821



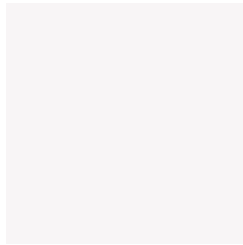
21.8016, 11.1364, 5.6635



2.0662, 1.0502, 0.7718

Previews

White Background



This preview shows how the XYZ color 87.9984, 91.9151, 100.2922 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 87.9984, 91.9151, 100.2922 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

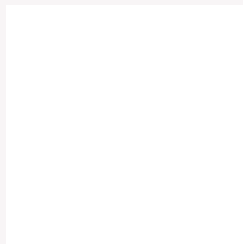
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.9984, 91.9151, 100.2922

Background



This preview shows how black text looks on a background with the XYZ color 87.9984, 91.9151, 100.2922.

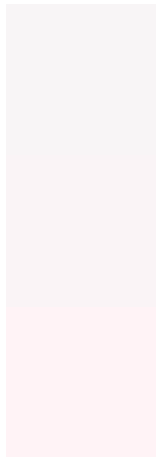


This preview shows how white text looks on a background with the XYZ color 87.9984, 91.9151,

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

87.9984, 91.9151, 100.2922

Protanopia

88.4096, 91.6792, 100.2249

Deuteranopia

89.9251, 92.0150, 100.2099



Tritanopia

89.1121, 91.8778, 107.6452

Trichromacy



Original Color

87.9984, 91.9151, 100.2922

Protanomaly

88.0522, 91.4949, 100.2082

Deuteranomaly

89.1301, 92.0506, 100.2587

Tritanomaly

88.6328, 91.6861, 105.1212

Monochromacy



Original Color

87.9984, 91.9151, 100.2922

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.9481, 92.3395, 100.3767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.9984, 91.9151, 100.2922 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(248, 245, 246) looks like.

```
.text, #text, p{  
    color:rgb(248, 245, 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(248, 245, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 245, 246) }
```

Border

The CSS property to change the border of an element to XYZ 87.9984, 91.9151, 100.2922 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(248, 245, 246) }
```

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

```
.border{ border-color:rgb(248, 245, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 245, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 245, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 245, 246);  
box-shadow:4px 4px 4px 4px rgb(248, 245,  
246) }
```


Background

The CSS property to change the background color of an element to XYZ 87.9984, 91.9151, 100.2922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 245, 246) }
```

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

```
.background{ background-color: rgb(248,  
245, 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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