

Converting Colors

XYZ(87.7714, 92.0778, 99.4341)

Have a look what the booklet for
XYZ(87.7714, 92.0778, 99.4341)
contains.

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Color

**XYZ(87.7950, 92.2783,
99.5704)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F6F5
RGB	247, 246, 245
RGB Percent	97%, 96%, 96%
CMY	0.0314, 0.0353, 0.0392
CMYK	0.00, 0.00, 0.01, 0.03
HSL	30°, 11%, 96%
HSV	30°, 1%, 97%
XYZ	87.7950, 92.2783, 99.5704
YIQ	246.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

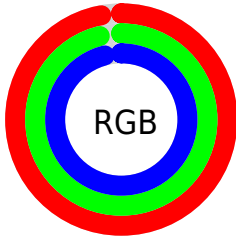
Format	Color
R_{YB}	247, 247, 245
Decimal	16250613
CIE _{Lab}	96.93, 0.16, 0.59
CIE _{LCh}	97, 0.608, 74.615
Yxy	92.2783, 0.3140, 0.3300
Android (android.graphics.Color)	4294440693 (0xFFFF7F6F5)
YUV	246.1850, -0.5842, 0.7148
Hunter-Lab	96.0616, -4.9686, 5.7875

Details

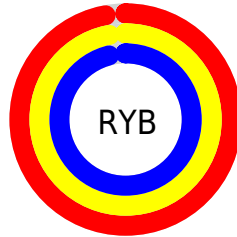
The XYZ color 87.7950, 92.2783, 99.5704 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.4005, 92.0382, 101.1557, and the grayscale version is 87.7534, 92.3234, 100.5402.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.0846, 51.5774, 55.5125 is the 20% darker color. If you saturate the color by 10%, you get 80.6565, 83.6375, 79.8123, and if you desaturate by 10%, it is 92.1683, 98.5145, 108.7651.

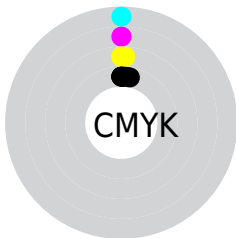
Distribution



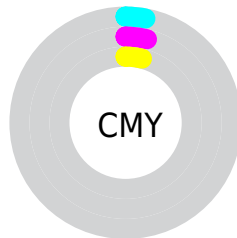
- Red (97%)
- Green (96%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.7950, 92.2783, 99.5704 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 87.7950, 92.2783, 99.5704 by changing the saturation by 10% instead.

87.7950, 92.2783,
99.5704

87.7950, 92.2783,
99.5704

509.1771,
535.4145, 580.0494

66.4835, 69.8718,
75.3269

143.1657,
150.4991, 162.6134

48.9342, 51.4220,
55.3774

177.9557,
187.0821, 202.2500

34.7816, 36.5446,
39.3033

217.9691,
229.1594, 247.8548

23.6604, 24.8551,
26.6861

263.5715,
277.1155, 299.8462

15.2053, 15.9691,
17.1073

315.1282,
331.3346, 358.6428

9.0508, 9.5023,
10.1483

373.0044,

4.8317, 5.0702,

392.2012, 424.6632

5.3905

437.5656,
460.0998, 498.3259

■ 2.1826, 2.2885,
2.4154

■ 0.7335, 0.7676,
0.7948

■ 87.7950, 92.2783,
99.5704

■ 87.7950, 92.2783,
99.5704

■ 80.6565, 83.6375,
79.8123

■ 92.1683, 98.5145,
108.7651

■ 74.2419, 75.6721,
62.6802

■ 68.5279, 68.3676,
48.0632

■ 63.4868, 61.7051,
35.8404

■ 59.0888, 55.6641,
25.8806

■ 55.3014, 50.2231,
18.0399

■ 52.0889, 45.3588,
12.1579

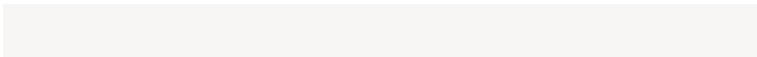
■ 49.4109, 41.0457,
8.0502

■ 47.2199, 37.2550,
5.4971

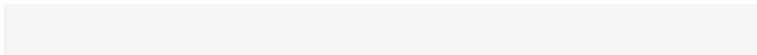
Harmonies

Analogous

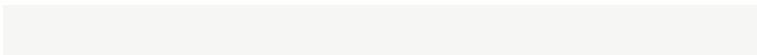
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.9420, 92.2783, 99.8156



87.7950, 92.2783, 99.5704



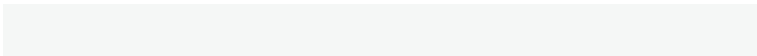
87.6248, 92.2783, 99.5671

Triad

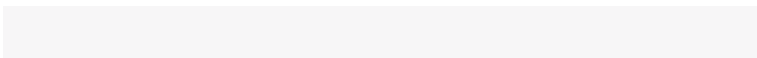
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.7950, 92.2783, 99.5704



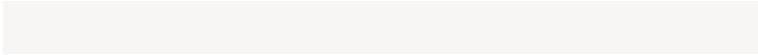
87.3900, 92.2783, 100.7131



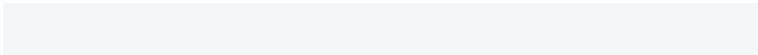
87.9388, 92.2783, 101.1470

Complementary

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



87.7950, 92.2783, 99.5704



87.4005, 92.0382, 101.1557

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.



87.7907, 92.2783, 101.3891



87.7950, 92.2783, 99.5704



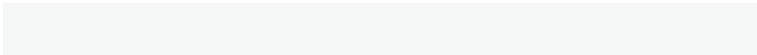
87.4740, 92.2783, 101.1380

Square

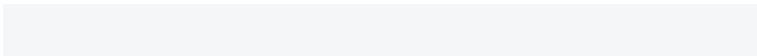
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



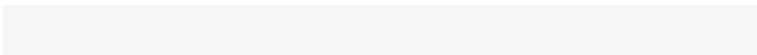
87.7950, 92.2783, 99.5704



87.3912, 92.2783, 100.2258



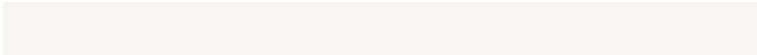
87.6206, 92.2783, 101.3858



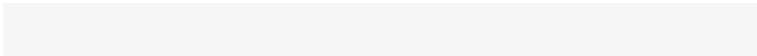
88.0251, 92.2783, 100.7254

Rectangle

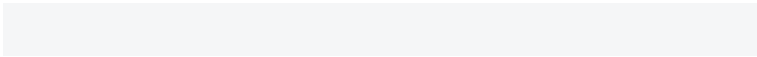
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



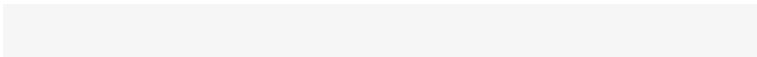
87.7950, 92.2783, 99.5704



87.5212, 92.2783, 99.7026



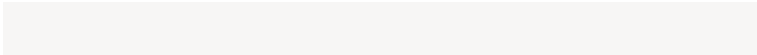
87.6206, 92.2783, 101.3858



87.8946, 92.2783, 101.2522

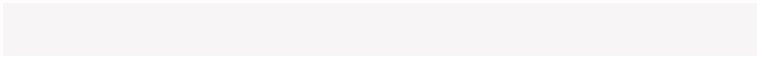
Sweetspot

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



87.7976, 92.2823, 99.5724

95.0500, 100.0000, 108.9000



87.6461, 91.7342, 100.2772



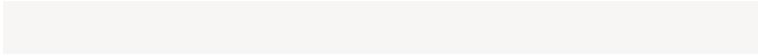
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



87.7976, 92.2823, 99.5724



94.2384, 99.0295, 106.6175



88.1013, 92.8896, 99.6736



18.4786, 19.4193, 20.9202



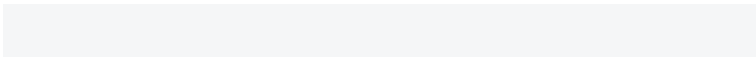
24.2420, 18.3696, 2.2680



2.2334, 1.8201, 0.2336

Inverse Universe

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



87.4005, 92.0382, 101.1557



93.7109, 98.7053, 108.7207



87.0985, 91.4341, 101.0550



18.3808, 19.3592, 21.3105



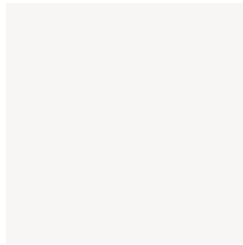
12.7651, 11.3239, 48.0510



1.2247, 1.2007, 4.2575

Previews

White Background



This preview shows how the XYZ color 87.7950, 92.2783, 99.5704 looks on a white background.

Color Contrast Check

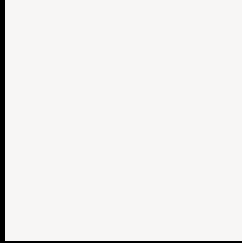
Large Text (above 18pt) WCAG AA × Fail

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 87.7950, 92.2783, 99.5704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

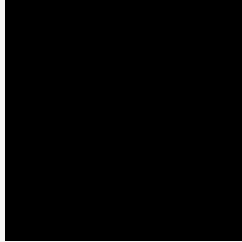
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

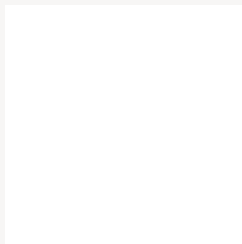
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.7950, 92.2783, 99.5704

Background



This preview shows how black text looks on a background with the XYZ color 87.7950, 92.2783, 99.5704.

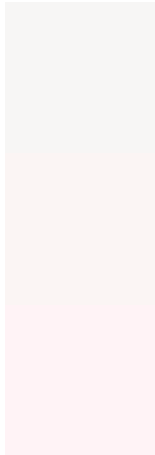


This preview shows how white text looks on a background with the XYZ color 87.7950, 92.2783,

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

87.7950, 92.2783, 99.5704

Protanopia

88.7652, 92.3457, 98.7340

Deuteranopia

89.9251, 92.0150, 100.2099

Tritanopia

89.4138, 92.4813, 107.7458

Trichromacy



Original Color

87.7950, 92.2783, 99.5704

Protanomaly

88.4059, 92.1605, 98.7172

Deuteranomaly

89.1301, 92.0506, 100.2587

Tritanomaly

88.7764, 92.2263, 104.3892

Monochromacy



Original Color

87.7950, 92.2783, 99.5704

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.5964, 92.1582, 100.3603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.7950, 92.2783, 99.5704 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, 246, 245) looks like.

```
.text, #text, p{  
    color:rgb(247, 246, 245)  
}
```

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, 246, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 246, 245) }
```

Border

The CSS property to change the border of an element to XYZ 87.7950, 92.2783, 99.5704 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, 246, 245) }
```

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

```
.border{ border-color:rgb(247, 246, 245) }
```

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

Here you see how a box with a 4 pixel rgb(247, 246, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 246, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 246, 245);  
box-shadow:4px 4px 4px 4px rgb(247, 246,  
245) }
```


Background

The CSS property to change the background color of an element to XYZ 87.7950, 92.2783, 99.5704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 246, 245) }
```

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

```
.background{ background-color: rgb(247,  
246, 245) }
```

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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