

Converting Colors

XYZ(67.4397, 61.5068, 49.9125)

Have a look what the booklet for
XYZ(67.4397, 61.5068, 49.9125)
contains.

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Color

**XYZ(67.4397, 61.5068,
49.9125)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>FEBFB1</code>
RGB	<code>254, 191, 177</code>
RGB Percent	<code>100%, 75%, 69%</code>
CMY	<code>0.0039, 0.2510, 0.3059</code>
CMYK	<code>0.00, 0.25, 0.30, 0.00</code>
HSL	<code>11°, 97%, 85%</code>
HSV	<code>11°, 30%, 100%</code>
XYZ	<code>67.4397, 61.5068, 49.9125</code>
YIQ	<code>208.2410, 42.0420, 9.0020</code>

Conversions

Conversions Part 2

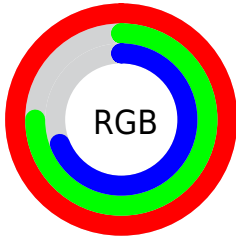
Format	Color
RYB	254, 194, 177
Decimal	16695217
CIELab	82.65, 20.74, 15.88
CIElCh	83, 26.121, 37.431
Yxy	61.5068, 0.3771, 0.3439
Android (android.graphics.Color)	4294885297 (0xFFFEFB1)
YUV	208.2410, -15.4018, 40.1306
Hunter-Lab	78.4263, 16.2483, 17.1647

Details

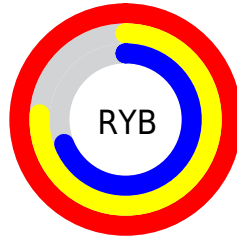
The XYZ color **67.4397, 61.5068, 49.9125** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.1799, 78.8205, 105.4393**, and the grayscale version is **60.1897, 63.3242, 68.9601**.

A 20% lighter version of the original color is **89.5154, 94.2780, 90.5703**, and **35.3487, 31.0823, 23.2052** is the 20% darker color. If you saturate the color by 10%, you get **60.9252, 52.1592, 36.3915**, and if you desaturate by 10%, it is **75.0716, 72.3345, 66.1319**.

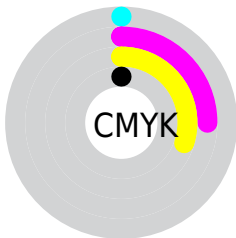
Distribution



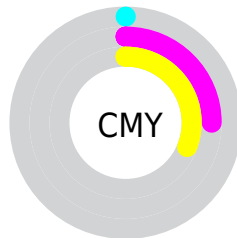
- Red (100%)
- Green (75%)
- Blue (69%)



- Red (100%)
- Yellow (76%)
- Blue (69%)



- Cyan (0%)
- Magenta (25%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.4397, 61.5068, 49.9125 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 67.4397, 61.5068, 49.9125 by changing the saturation by 10% instead.


 67.4397, 61.5068,
49.9125

 67.4397, 61.5068,
49.9125


440.9162,
430.1298, 403.0489

 49.7141, 44.6343,
34.9732


 114.5966,
107.0124, 91.4402

 35.4031, 31.1695,
23.3588


144.7585,
136.4143, 118.8656

 24.1415, 20.7279,
14.6509


179.7965,
170.7614, 151.2902

 15.5639, 12.9253,
8.4309

220.0761,
210.4382, 189.1325

 9.3050, 7.3771,
4.2802

265.9624,
255.8291, 232.8109

 4.9994, 3.6990,
1.7803


317.8210,

 2.2816, 1.5067,


307.3183, 282.7441


0.4149

376.0171,
365.2904, 339.3506


 0.7852, 0.2934,
0.0000


 0.0000, 0.0000,
0.0000

 67.4397, 61.5068,
49.9125


 67.4397, 61.5068,
49.9125

 60.9252, 52.1592,
36.3915


 75.0716, 72.3345,
66.1319

 55.4702, 44.2188,
25.4183

 83.8656, 84.6941,
85.1818

 51.0187, 37.6193,
16.8332

 93.8698, 98.6453,
107.1899

 47.5075, 32.2855,
10.4567

94.6832, 99.8109,
108.8828

■ 44.8657, 28.1347,
6.0836

■ 43.0117, 25.0740,
3.4701

■ 41.8579, 23.0405,
2.2411

Harmonies

Analogous

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



69.8076, 61.5068, 63.0584



67.4397, 61.5068, 49.9125



62.6935, 61.5068, 42.3278

Triad

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



67.4397, 61.5068, 49.9125



49.0654, 61.5068, 55.8128



59.8649, 61.5068, 102.4623

Complementary

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



67.4397, 61.5068, 49.9125



67.1799, 78.8205, 105.4393

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.



54.4222, 61.5068, 99.6943



67.4397, 61.5068, 49.9125



48.4147, 61.5068, 71.0410

Square

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



67.4397, 61.5068, 49.9125



52.1534, 61.5068, 45.3355



50.3157, 61.5068, 87.5296



65.2563, 61.5068, 94.5814

Rectangle

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



67.4397, 61.5068, 49.9125



58.9445, 61.5068, 40.6336



50.3157, 61.5068, 87.5296



57.9789, 61.5068, 102.7655

Sweetspot

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



67.4413, 61.5097, 49.9137



85.8727, 87.2092, 88.6883



72.4978, 58.8766, 90.8933



18.0829, 18.2503, 18.3329



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.



67.4413, 61.5097, 49.9137



64.1693, 56.5125, 42.2703



76.6445, 79.9160, 52.9815



18.2765, 18.5212, 18.7560



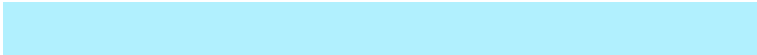
22.1435, 12.2983, 1.2067



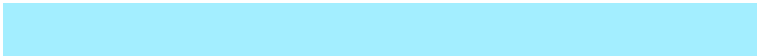
2.2247, 1.3349, 0.1404

Inverse Universe

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



67.1799, 78.8205, 105.4393



63.8580, 76.3532, 105.9797



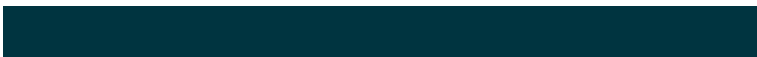
57.2988, 59.0582, 102.1456



18.2574, 19.8864, 23.1261



21.3980, 27.7057, 53.6545



2.1532, 2.8371, 5.2474

Previews

White Background



This preview shows how the XYZ color 67.4397, 61.5068, 49.9125 looks on a white background.

Color Contrast Check

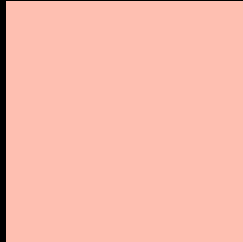
Large Text (above 18pt) WCAG AA × Fail

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 67.4397, 61.5068, 49.9125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

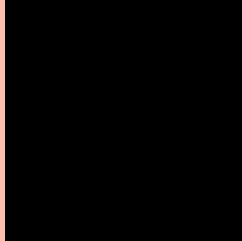
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.4397, 61.5068, 49.9125

Background



This preview shows how black text looks on a background with the XYZ color 67.4397, 61.5068, 49.9125.



This preview shows how white text looks on a background with the XYZ color 67.4397, 61.5068,

49.9125.

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

67.4397, 61.5068, 49.9125

Protanopia

58.5074, 61.5704, 54.1480

Deuteranopia

62.9556, 61.5273, 49.6321



Tritanopia

69.8839, 61.4907, 64.0627

Trichromacy



Original Color

67.4397, 61.5068, 49.9125

Protanomaly

61.3079, 61.3028, 52.3174

Deuteranomaly

64.3137, 61.2195, 49.5011

Tritanomaly

69.0632, 61.5054, 58.6838

Monochromacy



Original Color

67.4397, 61.5068, 49.9125

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

62.2499, 62.2798, 61.5636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4397, 61.5068, 49.9125 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(254, 191, 177)` looks like.

```
.text, #text, p{  
    color:rgb(254, 191, 177)  
}
```

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(254, 191, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 191, 177) }
```

Border

The CSS property to change the border of an element to XYZ 67.4397, 61.5068, 49.9125 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(254, 191, 177) }
```


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

```
.border{ border-color:rgb(254, 191, 177) }
```

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

Here you see how a box with a 4 pixel rgb(254, 191, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 191, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 191, 177);  
box-shadow:4px 4px 4px 4px rgb(254, 191,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4397, 61.5068, 49.9125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 191, 177) }
```

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

```
.background{ background-color: rgb(254,  
191, 177) }
```

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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