

Converting Colors

XYZ(67.2921, 61.6063, 48.0835)

Have a look what the booklet for
XYZ(67.2921, 61.6063, 48.0835)
contains.

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Color

**XYZ(67.0467, 61.3496,
47.8431)**

Conversions

Conversions Part 1

Format	Color
Hex	FEBFAD
RGB	254, 191, 173
RGB Percent	100%, 75%, 68%
CMY	0.0039, 0.2510, 0.3216
CMYK	0.00, 0.25, 0.32, 0.00
HSL	13°, 98%, 84%
HSV	13°, 32%, 100%
XYZ	67.0467, 61.3496, 47.8431
YIQ	207.7850, 43.3260, 7.7580

Conversions

Conversions Part 2

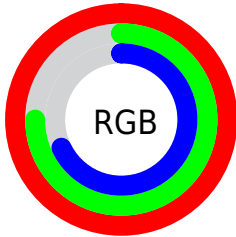
Format	Color
R_{YB}	254, 196, 173
Decimal	16695213
CIE _{Lab}	82.57, 20.24, 17.89
CIE _{LCh}	83, 27.013, 41.482
Yxy	61.3496, 0.3804, 0.3481
Android (android.graphics.Color)	4294885293 (0xFFFEBFAD)
YUV	207.7850, -17.1490, 40.5306
Hunter-Lab	78.3260, 15.7247, 18.6127

Details

The XYZ color **67.0467, 61.3496, 47.8431** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.1174, 76.0283, 105.0090**, and the grayscale version is **59.9043, 63.0239, 68.6331**.

A 20% lighter version of the original color is **88.8110, 93.9962, 86.8610**, and **35.1618, 31.0076, 22.2210** is the 20% darker color. If you saturate the color by 10%, you get **60.7976, 52.4177, 34.7651**, and if you desaturate by 10%, it is **74.3473, 71.6362, 63.5779**.

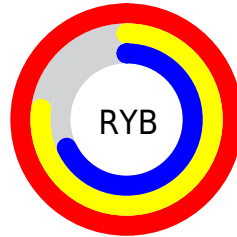
Distribution



Red (100%)

Green (75%)

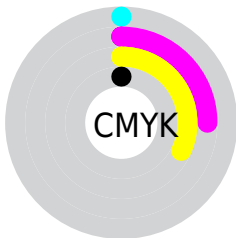
Blue (68%)



Red (100%)

Yellow (77%)

Blue (68%)

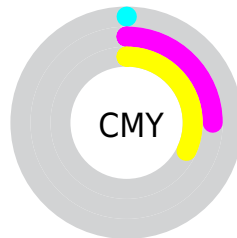


Cyan (0%)

Magenta (25%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.0467, 61.3496, 47.8431 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 67.0467, 61.3496, 47.8431 by changing the saturation by 10% instead.


 67.0467, 61.3496,
47.8431

 67.0467, 61.3496,
47.8431

439.5408,
429.5547, 394.6606

 49.3934, 44.5074,
33.3435


 114.0368,
106.7850, 88.3339

 35.1475, 31.0696,
22.1165

144.1042,
136.1469, 115.1622

 23.9436, 20.6518,
13.7434


179.0405,
170.4508, 146.9371

 15.4163, 12.8697,
7.8057

219.2109,
210.0812, 184.0772

 9.2003, 7.3389,
3.8849

264.9807,
255.4224, 227.0011

 4.9302, 3.6749,
1.5624


316.7155,


 2.2407, 1.4934,


306.8587, 276.1273


0.2638


374.7804,
364.7747, 331.8743


 0.7641, 0.2841,
0.0000


 0.0000, 0.0000,
0.0000


 67.0467, 61.3496,
47.8431


 67.0467, 61.3496,
47.8431


 60.7976, 52.4177,
34.7651


 74.3473, 71.6362,
63.5779

 55.5455, 44.7751,
24.1928

 82.7409, 83.3223,
82.1019

 51.2382, 38.3636,
15.9652

 92.2725, 96.4611,
103.5431

 47.8165, 33.1173,
9.9011

94.6831, 99.8109,
108.8828

■ 45.2140, 28.9635,
5.7924

■ 43.3535, 25.8210,
3.3892

■ 42.3097, 23.9441,
2.3917

Harmonies

Analogous

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



69.9041, 61.3496, 60.6567



67.0467, 61.3496, 47.8431



61.9152, 61.3496, 40.9183

Triad

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



67.0467, 61.3496, 47.8431



48.3874, 61.3496, 57.1847



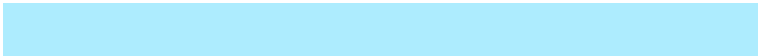
60.5532, 61.3496, 103.1310

Complementary

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



67.0467, 61.3496, 47.8431



65.1174, 76.0283, 105.0090

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.



54.8493, 61.3496, 101.7855



67.0467, 61.3496, 47.8431



48.0761, 61.3496, 73.3431

Square

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



67.0467, 61.3496, 47.8431



51.2494, 61.3496, 45.6645



50.3690, 61.3496, 90.1986



65.9930, 61.3496, 93.6176

Rectangle

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



67.0467, 61.3496, 47.8431



58.0237, 61.3496, 39.7478



50.3690, 61.3496, 90.1986



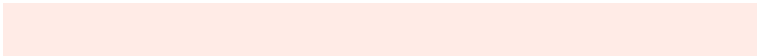
58.5992, 61.3496, 103.9706

Sweetspot

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



67.0483, 61.3525, 47.8443



85.2093, 86.4582, 86.6924



71.0229, 57.0409, 86.9671



17.9623, 18.1238, 17.9392



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.



67.0483, 61.3525, 47.8443



63.6688, 56.2293, 39.8905



77.0062, 81.2682, 51.1636



18.3368, 18.6417, 18.7761



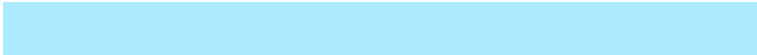
22.3950, 12.8013, 1.2906



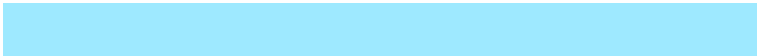
2.2575, 1.4003, 0.1513

Inverse Universe

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



65.1174, 76.0283, 105.0090



61.4397, 73.0381, 105.4673



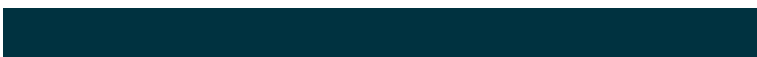
54.8523, 55.4980, 101.5872



18.1922, 19.7561, 23.1044



20.1375, 25.1846, 53.2343



2.0410, 2.6127, 5.2100

Previews

White Background



This preview shows how the XYZ color 67.0467, 61.3496, 47.8431 looks on a white background.

Color Contrast Check

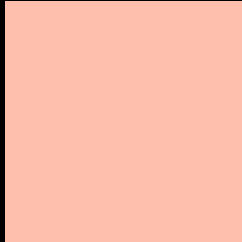
Large Text (above 18pt) WCAG AA × Fail

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 67.0467, 61.3496, 47.8431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

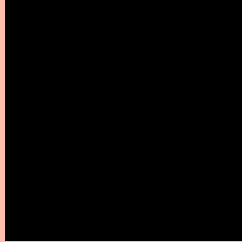
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.0467, 61.3496, 47.8431

Background



This preview shows how black text looks on a background with the XYZ color 67.0467, 61.3496, 47.8431.



This preview shows how white text looks on a background with the XYZ color 67.0467, 61.3496,

47.8431.

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

67.0467, 61.3496, 47.8431

Protanopia

58.0939, 61.4050, 51.9705

Deuteranopia

62.9004, 61.5439, 47.5937



Tritanopia

69.7658, 61.4435, 63.4411

Trichromacy



Original Color

67.0467, 61.3496, 47.8431

Protanomaly

60.9032, 61.1409, 50.1864

Deuteranomaly

64.2697, 61.2419, 47.4632

Tritanomaly

68.8416, 61.4168, 57.5165

Monochromacy



Original Color

67.0467, 61.3496, 47.8431

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

62.0222, 62.1887, 60.3645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0467, 61.3496, 47.8431 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(254, 191, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 191, 173) }
```

Border

The CSS property to change the border of an element to XYZ 67.0467, 61.3496, 47.8431 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, 173) }
```


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

```
.border{ border-color:rgb(254, 191, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 191, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 191, 173);  
box-shadow:4px 4px 4px 4px rgb(254, 191,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0467, 61.3496, 47.8431 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, 173) }
```

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

```
.background{ background-color: rgb(254,  
191, 173) }
```

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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