

Converting Colors

XYZ(73.6522, 64.3458, 48.9418)

Have a look what the booklet for
XYZ(73.6522, 64.3458, 48.9418)
contains.

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Color

**XYZ(67.3913, 61.1821,
48.8149)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBEAF
RGB	255, 190, 175
RGB Percent	100%, 75%, 69%
CMY	0.0000, 0.2549, 0.3137
CMYK	0.00, 0.25, 0.31, 0.00
HSL	11°, 100%, 84%
HSV	11°, 31%, 100%
XYZ	67.3913, 61.1821, 48.8149
YIQ	207.7250, 43.5550, 9.1150

Conversions

Conversions Part 2

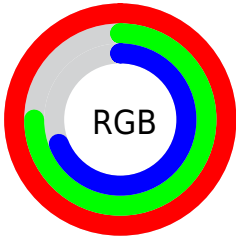
Format	Color
R _Y B	255, 193, 175
Decimal	16760495
CIE Lab	82.48, 21.39, 16.72
CIE LCh	82, 27.143, 38.013
Yxy	61.1821, 0.3799, 0.3449
Android (android.graphics.Color)	4294950575 (0xFFFFBEAF)
YUV	207.7250, -16.1334, 41.4602
Hunter-Lab	78.2190, 16.9074, 17.7516

Details

The XYZ color **67.3913, 61.1821, 48.8149** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.8881, 78.6513, 106.2636**, and the grayscale version is **59.8589, 62.9763, 68.5811**.

A 20% lighter version of the original color is **88.9246, 93.5511, 88.9716**, and **35.4053, 30.9087, 22.8388** is the 20% darker color. If you saturate the color by 10%, you get **60.9469, 51.9298, 35.4554**, and if you desaturate by 10%, it is **74.9497, 71.9050, 64.8802**.

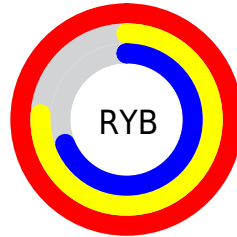
Distribution



Red (100%)

Green (75%)

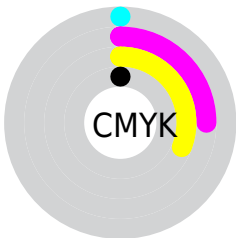
Blue (69%)



Red (100%)

Yellow (76%)

Blue (69%)

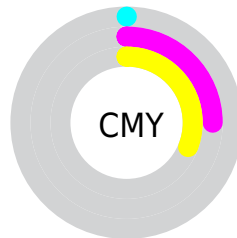


Cyan (0%)

Magenta (25%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.3913, 61.1821, 48.8149 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 67.3913, 61.1821, 48.8149 by changing the saturation by 10% instead.


 67.3913, 61.1821,
48.8149

 67.3913, 61.1821,
48.8149


440.7469,
428.9414, 398.6147

 49.6746, 44.3721,
34.1081


 114.5276,
106.5426, 89.7946

 35.3716, 30.9632,
22.6986


144.6779,
135.8619, 116.9046

 24.1171, 20.5708,
14.1679


179.7035,
170.1197, 148.9861

 15.5457, 12.8106,
8.0975

219.9696,
209.7005, 186.4576

 9.2921, 7.2983,
4.0687

265.8416,
254.9887, 229.7377

 4.9908, 3.6493,
1.6631

317.6850,

 2.2766, 1.4794,

306.3687, 279.2449

0.3353

375.8649,
364.2247, 335.3977

■ 0.7826, 0.2742,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.3913, 61.1821,
48.8149

■ 67.3913, 61.1821,
48.8149

■ 60.9469, 51.9298,
35.4554

■ 74.9497, 71.9050,
64.8802

■ 55.5581, 44.0751,
24.6484

■ 83.6671, 84.1499,
83.7855

■ 51.1687, 37.5520,
16.2312

■ 93.5917, 97.9766,
105.6604

■ 47.7148, 32.2853,
10.0204

95.0500, 100.0000,
108.9000

■ 45.1248, 28.1924,
5.8060

■ 43.3158, 25.1799,
3.3363

■ 42.2900, 23.3600,
2.2800

Harmonies

Analogous

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



69.9128, 61.1821, 62.2619



67.3913, 61.1821, 48.8149



62.4292, 61.1821, 41.1661

Triad

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



67.3913, 61.1821, 48.8149



48.4086, 61.1821, 55.3568



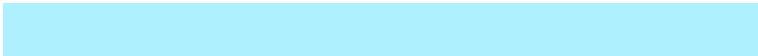
59.7207, 61.1821, 103.5268

Complementary

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



67.3913, 61.1821, 48.8149



66.8881, 78.6513, 106.2636

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.



54.0743, 61.1821, 100.8510



67.3913, 61.1821, 48.8149



47.7897, 61.1821, 71.1704

Square

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



67.3913, 61.1821, 48.8149



51.5486, 61.1821, 44.4824



49.7978, 61.1821, 88.2931



65.2960, 61.1821, 95.0924

Rectangle

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



67.3913, 61.1821, 48.8149



58.5394, 61.1821, 39.5167



49.7978, 61.1821, 88.2931



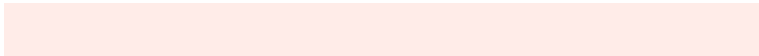
57.7658, 61.1821, 103.9200

Sweetspot

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



67.3929, 61.1850, 48.8161



85.9103, 87.2844, 88.7008



72.3481, 58.2317, 90.1248



18.0921, 18.2686, 18.3360



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.



67.3929, 61.1850, 48.8161



62.9995, 54.8908, 39.6674



77.1823, 80.7638, 52.0793



18.2850, 18.5381, 18.7588



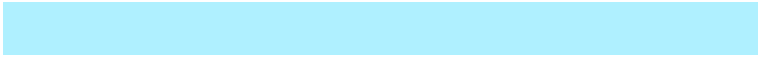
22.1758, 12.3628, 1.2175



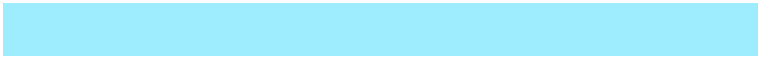
2.2291, 1.3435, 0.1418

Inverse Universe

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



66.8881, 78.6513, 106.2636



62.4037, 74.9662, 105.7886



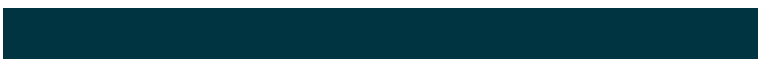
56.4614, 57.7978, 102.7880



18.2482, 19.8680, 23.1231



21.2158, 27.3413, 53.5938



2.1371, 2.8048, 5.2420

Previews

White Background



This preview shows how the XYZ color 67.3913, 61.1821, 48.8149 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 67.3913, 61.1821, 48.8149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

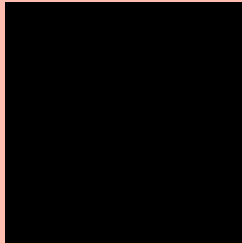
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.3913, 61.1821, 48.8149

Background



This preview shows how black text looks on a background with the XYZ color 67.3913, 61.1821, 48.8149.



This preview shows how white text looks on a background with the XYZ color 67.3913, 61.1821,

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

67.3913, 61.1821, 48.8149

Protanopia

58.4029, 61.5286, 53.5978

Deuteranopia

62.7591, 61.4487, 48.5974



Tritanopia

69.5529, 61.0177, 63.3701

Trichromacy



Original Color

67.3913, 61.1821, 48.8149

Protanomaly

61.5256, 61.4268, 51.7938

Deuteranomaly

64.4633, 61.3193, 48.4826

Tritanomaly

68.7376, 61.0322, 58.0267

Monochromacy



Original Color

67.3913, 61.1821, 48.8149

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.9018, 61.7664, 60.8841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3913, 61.1821, 48.8149 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(255, 190, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 175)  
}
```

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(255, 190, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 175) }
```

Border

The CSS property to change the border of an element to XYZ 67.3913, 61.1821, 48.8149 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(255, 190, 175) }
```


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

```
.border{ border-color:rgb(255, 190, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3913, 61.1821, 48.8149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 175) }
```

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

```
.background{ background-color: rgb(255,  
190, 175) }
```

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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