

Converting Colors

XYZ(67.2838, 63.2456, 46.2051)

Have a look what the booklet for
XYZ(67.2838, 63.2456, 46.2051)
contains.

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Color

**XYZ(67.0462, 63.0399,
46.1703)**

Conversions

Conversions Part 1

Format	Color
Hex	FCC4A9
RGB	252, 196, 169
RGB Percent	99%, 77%, 66%
CMY	0.0118, 0.2313, 0.3372
CMYK	0.00, 0.22, 0.33, 0.01
HSL	20°, 93%, 83%
HSV	20°, 33%, 99%
XYZ	67.0462, 63.0399, 46.1703
YIQ	209.6660, 42.0430, 3.4750

Conversions

Conversions Part 2

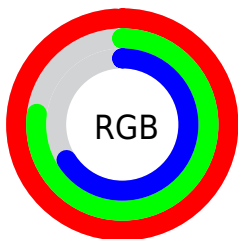
Format	Color
R _Y B	252, 209, 169
Decimal	16565417
CIE Lab	83.46, 16.37, 21.23
CIE LCh	83, 26.810, 52.370
Yxy	63.0399, 0.3804, 0.3577
Android (android.graphics.Color)	4294755497 (0xFFFC4A9)
YUV	209.6660, -20.0483, 37.1269
Hunter-Lab	79.3977, 11.7858, 21.1008

Details

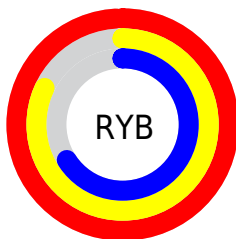
The XYZ color **67.0462, 63.0399, 46.1703** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.8571, 69.3112, 102.2663**, and the grayscale version is **61.1489, 64.3334, 70.0591**.

A 20% lighter version of the original color is **89.8198, 96.8924, 84.4891**, and **35.1320, 32.0997, 21.1738** is the 20% darker color. If you saturate the color by 10%, you get **61.2850, 54.9455, 33.6816**, and if you desaturate by 10%, it is **73.7012, 72.1917, 61.2076**.

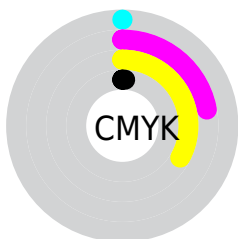
Distribution



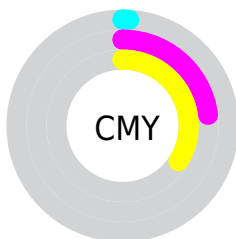
- Red (99%)
- Green (77%)
- Blue (66%)



- Red (99%)
- Yellow (82%)
- Blue (66%)



- Cyan (0%)
- Magenta (22%)
- Yellow (33%)
- Black (1%)





- Cyan (1%)
- Magenta (23%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.0462, 63.0399, 46.1703 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 67.0462, 63.0399, 46.1703 by changing the saturation by 10% instead.


 67.0462, 63.0399,
46.1703

 67.0462, 63.0399,
46.1703


439.5391,
435.7143, 387.7903

 49.3930, 45.8735,
32.0306


 114.0360,
109.2271, 85.8108

 35.1472, 32.1460,
21.1199


144.1034,
139.0166, 112.1486

 23.9433, 21.4730,
13.0195


179.0395,
173.7827, 143.3896

 15.4161, 13.4702,
7.3111

219.2098,
213.9096, 179.9523

 9.2001, 7.7531,
3.5760

264.9795,
259.7819, 222.2551

 4.9301, 3.9374,
1.3958

316.7141,

 2.2406, 1.6386,

311.7838, 270.7167

0.1384

374.7788,
370.2998, 325.7556

0.7640, 0.3834,
0.0000

0.0000, 0.0000,
0.0000

67.0462, 63.0399,
46.1703

67.0462, 63.0399,
46.1703

61.2850, 54.9455,
33.6816

73.7012, 72.1917,
61.2076

56.3720, 47.8602,
23.5944

81.2830, 82.4292,
78.9217

52.2645, 41.7450,
15.7524

89.8289, 93.7906,
99.4365

48.9140, 36.5545,
9.9788

93.9549, 99.4354,
108.8487

■ 46.2657, 32.2394,
6.0700

■ 44.2553, 28.7442,
3.7795

■ 43.1616, 26.7289,
2.8843

Harmonies

Analogous

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



70.9253, 63.0399, 57.1021



67.0462, 63.0399, 46.1703



61.4225, 63.0399, 41.4206

Triad

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



67.0462, 63.0399, 46.1703



49.4524, 63.0399, 64.4533



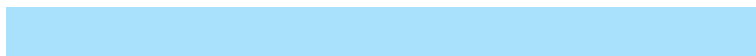
64.2983, 63.0399, 102.9217

Complementary

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



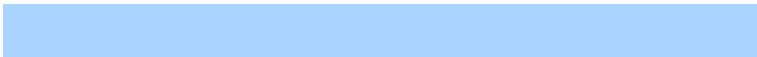
67.0462, 63.0399, 46.1703



60.8571, 69.3112, 102.2663

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.



58.4373, 63.0399, 105.7475



67.0462, 63.0399, 46.1703



50.1121, 63.0399, 81.6354

Square

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



67.0462, 63.0399, 46.1703



51.4487, 63.0399, 50.8004



53.3130, 63.0399, 97.4227



69.2682, 63.0399, 90.2316

Rectangle

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



67.0462, 63.0399, 46.1703



57.5416, 63.0399, 41.7516



53.3130, 63.0399, 97.4227



62.3580, 63.0399, 105.1320

Sweetspot

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



67.0478, 63.0429, 46.1716



85.9682, 87.9760, 86.9453



68.0218, 54.5474, 78.6917



18.1449, 18.4890, 18.0001



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.



67.0478, 63.0429, 46.1716



64.5882, 58.7568, 38.0740



77.5280, 84.0032, 49.6650



17.7057, 18.1473, 18.0320



22.6019, 14.1605, 1.5420



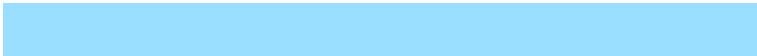
2.1854, 1.4957, 0.1735

Inverse Universe

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



60.8571, 69.3112, 102.2663



57.2584, 66.1353, 104.3553



51.1190, 49.8351, 99.0203



17.2620, 18.6008, 22.0658



16.7814, 18.9183, 50.7407



1.6506, 1.9449, 4.7316

Previews

White Background



This preview shows how the XYZ color 67.0462, 63.0399, 46.1703 looks on a white background.

Color Contrast Check

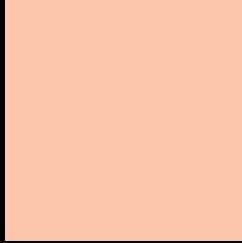
Large Text (above 18pt) WCAG AA × Fail

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 67.0462, 63.0399, 46.1703 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 67.0462, 63.0399, 46.1703

Background



This preview shows how black text looks on a background with the XYZ color 67.0462, 63.0399, 46.1703.



This preview shows how white text looks on a background with the XYZ color 67.0462, 63.0399,

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

67.0462, 63.0399, 46.1703

Protanopia

59.8089, 63.4225, 49.6469

Deuteranopia

64.3401, 63.0130, 45.8174



Tritanopia

71.0114, 62.9778, 66.8058

Trichromacy



Original Color

67.0462, 63.0399, 46.1703

Protanomaly

62.4144, 63.3587, 48.4750

Deuteranomaly

65.4973, 63.2668, 45.8054

Tritanomaly

69.5687, 63.0610, 58.9574

Monochromacy



Original Color

67.0462, 63.0399, 46.1703

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.7330, 63.6103, 60.6014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0462, 63.0399, 46.1703 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(252, 196, 169)` looks like.

```
.text, #text, p{  
    color:rgb(252, 196, 169)  
}
```

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(252, 196, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 196, 169) }
```

Border

The CSS property to change the border of an element to XYZ 67.0462, 63.0399, 46.1703 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(252, 196, 169) }
```


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

```
.border{ border-color:rgb(252, 196, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 196, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 196, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 196, 169);  
box-shadow:4px 4px 4px 4px rgb(252, 196,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0462, 63.0399, 46.1703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 196, 169) }
```

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

```
.background{ background-color: rgb(252,  
196, 169) }
```

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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