

Converting Colors

XYZ(84.7080, 69.6414, 47.0618)

Have a look what the booklet for
XYZ(84.7080, 69.6414, 47.0618)
contains.

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Color

**XYZ(66.4789, 60.1287,
46.1324)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBCAA
RGB	255, 188, 170
RGB Percent	100%, 74%, 67%
CMY	0.0000, 0.2627, 0.3333
CMYK	0.00, 0.26, 0.33, 0.00
HSL	13°, 100%, 83%
HSV	13°, 33%, 100%
XYZ	66.4789, 60.1287, 46.1324
YIQ	205.9810, 45.7100, 8.6060

Conversions

Conversions Part 2

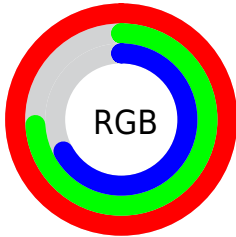
Format	Color
R _Y B	255, 193, 170
Decimal	16759978
CIE Lab	81.91, 21.81, 18.59
CIE LCh	82, 28.663, 40.441
Yxy	60.1287, 0.3848, 0.3481
Android (android.graphics.Color)	4294950058 (0xFFFFBCAA)
YUV	205.9810, -17.7386, 42.9897
Hunter-Lab	77.5427, 17.3319, 19.0065

Details

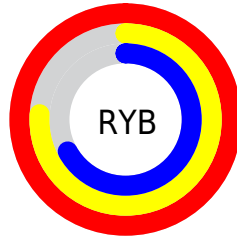
The XYZ color **66.4789, 60.1287, 46.1324** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.9106, 76.3317, 105.9201**, and the grayscale version is **58.7448, 61.8042, 67.3047**.

A 20% lighter version of the original color is **87.1813, 91.3976, 84.2807**, and **34.8211, 30.2285, 21.1390** is the 20% darker color. If you saturate the color by 10%, you get **60.2981, 51.2603, 33.3031**, and if you desaturate by 10%, it is **73.7286, 70.3858, 61.6274**.

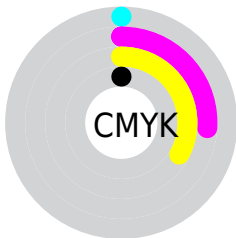
Distribution



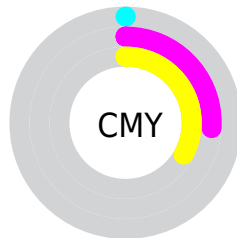
- Red (100%)
- Green (74%)
- Blue (67%)



- Red (100%)
- Yellow (76%)
- Blue (67%)



- Cyan (0%)
- Magenta (26%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (26%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.4789, 60.1287, 46.1324 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 66.4789, 60.1287, 46.1324 by changing the saturation by 10% instead.


 66.4789, 60.1287,
46.1324

 66.4789, 60.1287,
46.1324


437.5493,
425.0720, 387.6337

 48.9304, 43.5224,
32.0009


 113.2273,
105.0163, 85.7535

 34.7786, 30.2952,
21.0974


143.1580,
134.0665, 112.0801

 23.6581, 20.0628,
13.0032


177.9467,
168.0333, 143.3089

 15.2035, 12.4407,
7.3000

217.9589,
207.3012, 179.8584

 9.0496, 7.0445,
3.5692

263.5599,
252.2547, 222.1470

 4.8309, 3.4900,
1.3921


315.1151,

 2.1821, 1.3926,


303.2780, 270.5935


0.1355


372.9898,
360.7557, 325.6162

 0.7333, 0.2112,
0.0000


 0.0000, 0.0000,
0.0000


 66.4789, 60.1287,
46.1324


 66.4789, 60.1287,
46.1324


 60.2981, 51.2603,
33.3031


 73.7286, 70.3858,
61.6274

 55.1299, 43.7121,
22.9848

 82.0907, 82.0793,
79.9239

 50.9196, 37.4223,
15.0122

 91.6119, 95.2651,
101.1525

 47.6052, 32.3210,
9.1986

95.0500, 100.0000,
108.9000

■ 45.1169, 28.3308,
5.3283

■ 43.3732, 25.3644,
3.1402

■ 42.5599, 23.8998,
2.3700

Harmonies

Analogous

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



69.3843, 60.1287, 59.6101



66.4789, 60.1287, 46.1324



61.1381, 60.1287, 38.8046

Triad

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



66.4789, 60.1287, 46.1324



46.8651, 60.1287, 54.9281



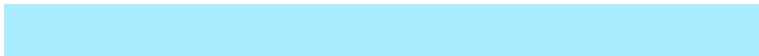
59.2870, 60.1287, 104.0484

Complementary

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



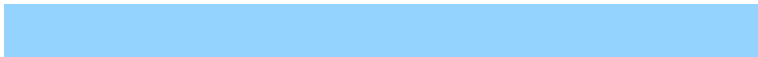
66.4789, 60.1287, 46.1324



64.9106, 76.3317, 105.9201

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.



53.3402, 60.1287, 102.1911



66.4789, 60.1287, 46.1324



46.4466, 60.1287, 71.7017

Square

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



66.4789, 60.1287, 46.1324



49.9249, 60.1287, 43.2274



48.7383, 60.1287, 89.5727



65.0417, 60.1287, 94.2723

Rectangle

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



66.4789, 60.1287, 46.1324



57.0609, 60.1287, 37.4633



48.7383, 60.1287, 89.5727



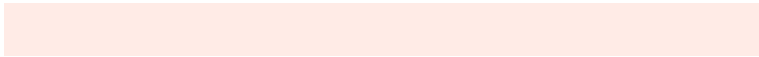
57.2403, 60.1287, 104.8010

Sweetspot

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



66.4804, 60.1315, 46.1336



85.1330, 86.3054, 86.6669



71.0477, 56.1831, 87.9889



17.9440, 18.0871, 17.9331



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.



66.4804, 60.1315, 46.1336



62.2432, 54.0668, 37.2924



76.6538, 80.4783, 49.5247



18.3211, 18.6105, 18.7709



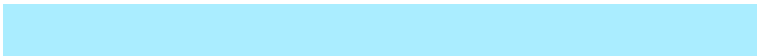
22.3249, 12.6611, 1.2672



2.2486, 1.3825, 0.1483

Inverse Universe

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



64.9106, 76.3317, 105.9201



60.4374, 72.4933, 105.4150



54.2555, 55.0213, 102.3684



18.2091, 19.7897, 23.1100



20.4560, 25.8216, 53.3405



2.0695, 2.6696, 5.2195

Previews

White Background



This preview shows how the XYZ color 66.4789, 60.1287, 46.1324 looks on a white background.

Color Contrast Check

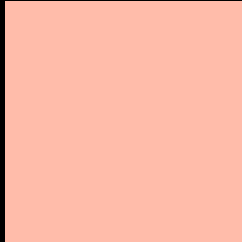
Large Text (above 18pt) WCAG AA × Fail

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 66.4789, 60.1287, 46.1324 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 66.4789, 60.1287, 46.1324

Background



This preview shows how black text looks on a background with the XYZ color 66.4789, 60.1287, 46.1324.



This preview shows how white text looks on a background with the XYZ color 66.4789, 60.1287,

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

66.4789, 60.1287, 46.1324

Protanopia

57.1234, 60.2224, 50.7328

Deuteranopia

61.3999, 60.1399, 45.4178



Tritanopia

68.7820, 60.0351, 61.3888

Trichromacy



Original Color

66.4789, 60.1287, 46.1324

Protanomaly

60.2450, 60.1413, 48.9906

Deuteranomaly

63.1935, 60.0592, 45.7980

Tritanomaly

67.8760, 60.0087, 55.5823

Monochromacy



Original Color

66.4789, 60.1287, 46.1324

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.7895, 60.5444, 58.9344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4789, 60.1287, 46.1324 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, 188, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 170)  
}
```

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, 188, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 170) }
```

Border

The CSS property to change the border of an element to XYZ 66.4789, 60.1287, 46.1324 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, 188, 170) }
```


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

```
.border{ border-color:rgb(255, 188, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4789, 60.1287, 46.1324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 170) }
```

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

```
.background{ background-color: rgb(255,  
188, 170) }
```

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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