

Converting Colors

XYZ(85.0863, 69.9429, 47.2254)

Have a look what the booklet for
XYZ(85.0863, 69.9429, 47.2254)
contains.

XYZ(66.6933, 60.5575, 46.2039)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(66.6933, 60.5575,
46.2039)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDAA
RGB	255, 189, 170
RGB Percent	100%, 74%, 67%
CMY	0.0000, 0.2588, 0.3333
CMYK	0.00, 0.26, 0.33, 0.00
HSL	13°, 100%, 83%
HSV	13°, 33%, 100%
XYZ	66.6933, 60.5575, 46.2039
YIQ	206.5680, 45.4350, 8.0830

Conversions

Conversions Part 2

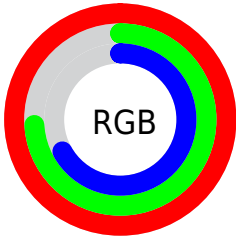
Format	Color
R _Y B	255, 194, 170
Decimal	16760234
CIE Lab	82.14, 21.29, 18.92
CIE LCh	82, 28.479, 41.620
Yxy	60.5575, 0.3845, 0.3491
Android (android.graphics.Color)	4294950314 (0xFFFFBDAA)
YUV	206.5680, -18.0280, 42.4749
Hunter-Lab	77.8187, 16.7979, 19.2704

Details

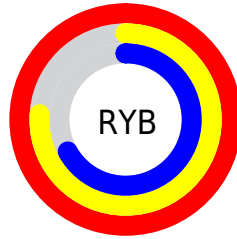
The XYZ color **66.6933, 60.5575, 46.2039** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.6219, 75.7543, 105.8238**, and the grayscale version is **59.1235, 62.2025, 67.7385**.

A 20% lighter version of the original color is **87.4830, 92.0011, 84.3813**, and **34.9599, 30.5063, 21.1852** is the 20% darker color. If you saturate the color by 10%, you get **60.5392, 51.7424, 33.3835**, and if you desaturate by 10%, it is **73.8998, 70.7281, 61.6846**.

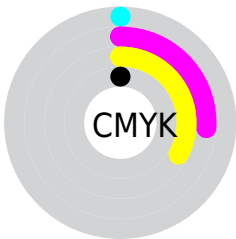
Distribution



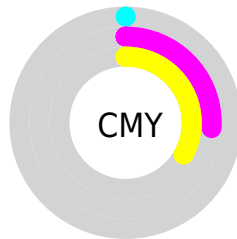
- Red (100%)
- Green (74%)
- Blue (67%)



- 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 66.6933, 60.5575, 46.2039 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 66.6933, 60.5575, 46.2039 by changing the saturation by 10% instead.


 66.6933, 60.5575,
46.2039

 66.6933, 60.5575,
46.2039


438.3019,
426.6497, 387.9292

 49.1052, 43.8682,
32.0569


 113.5331,
105.6380, 85.8616

 34.9178, 30.5669,
21.1398


143.5154,
134.7979, 112.2093

 23.7658, 20.2693,
13.0340

178.3599,
168.8834, 143.4611

 15.2838, 12.5909,
7.3210

218.4319,
208.2790, 180.0355

 9.1064, 7.1475,
3.5821

264.0968,
253.3690, 222.3509

 4.8683, 3.5545,
1.3990

315.7198,

 2.2042, 1.4276,

304.5379, 270.8260

0.1410

373.6664,
362.1700, 325.8792

■ 0.7449, 0.2369,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.6933, 60.5575,
46.2039

■ 66.6933, 60.5575,
46.2039

■ 60.5392, 51.7424,
33.3835

■ 73.8998, 70.7281,
61.6846

■ 55.3823, 44.2167,
23.0690

■ 82.2010, 82.2999,
79.9607

■ 51.1691, 37.9213,
15.0954

■ 91.6427, 95.3268,
101.1628

■ 47.8392, 32.7889,
9.2766

95.0500, 100.0000,
108.9000

■ 45.3243, 28.7456,
5.3974

■ 43.5449, 25.7079,
3.1974

■ 42.7039, 24.1878,
2.4180

Harmonies

Analogous

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



69.7122, 60.5575, 59.4558



66.6933, 60.5575, 46.2039



61.3021, 60.5575, 39.1199

Triad

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



66.6933, 60.5575, 46.2039



47.2160, 60.5575, 55.9860



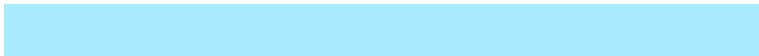
59.9314, 60.5575, 104.2192

Complementary

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



66.6933, 60.5575, 46.2039



64.6219, 75.7543, 105.8238

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.



53.9697, 60.5575, 102.8465



66.6933, 60.5575, 46.2039



46.9057, 60.5575, 72.8724

Square

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



66.6933, 60.5575, 46.2039



50.1771, 60.5575, 44.0481



49.2976, 60.5575, 90.6136



65.6296, 60.5575, 94.0887

Rectangle

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



66.6933, 60.5575, 46.2039



57.2301, 60.5575, 37.9420



49.2976, 60.5575, 90.6136



57.8873, 60.5575, 105.1297

Sweetspot

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



66.6949, 60.5604, 46.2051



85.2189, 86.4773, 86.6956



70.8403, 56.1002, 86.8969



17.9646, 18.1284, 17.9400



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.



66.6949, 60.5604, 46.2051



62.4772, 54.5347, 37.3703



77.0486, 81.2678, 49.6564



18.3387, 18.6456, 18.7767



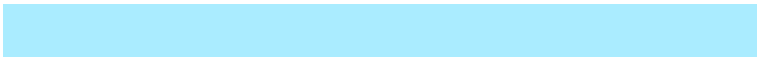
22.4040, 12.8193, 1.2935



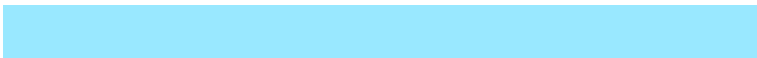
2.2586, 1.4026, 0.1517

Inverse Universe

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



64.6219, 75.7543, 105.8238



60.0980, 71.8146, 105.3018



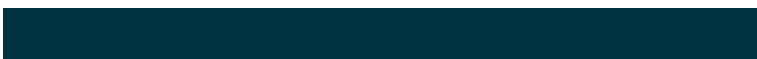
53.9385, 54.3874, 102.2627



18.1901, 19.7519, 23.1037



20.0981, 25.1058, 53.2212



2.0375, 2.6057, 5.2088

Previews

White Background



This preview shows how the XYZ color 66.6933, 60.5575, 46.2039 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 66.6933, 60.5575, 46.2039 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 66.6933, 60.5575, 46.2039

Background



This preview shows how black text looks on a background with the XYZ color 66.6933, 60.5575, 46.2039.



This preview shows how white text looks on a background with the XYZ color 66.6933, 60.5575,

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

66.6933, 60.5575, 46.2039

Protanopia

57.5530, 60.8071, 50.2986

Deuteranopia

62.0527, 60.8016, 46.0015



Tritanopia

69.1077, 60.5013, 62.0684

Trichromacy



Original Color

66.6933, 60.5575, 46.2039

Protanomaly

60.6965, 60.7258, 48.5666

Deuteranomaly

63.7614, 60.6812, 45.8882

Tritanomaly

68.0874, 60.4315, 55.6528

Monochromacy



Original Color

66.6933, 60.5575, 46.2039

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

61.1324, 61.0509, 59.6009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6933, 60.5575, 46.2039 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, 189, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 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, 189, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 170) }
```

Border

The CSS property to change the border of an element to XYZ 66.6933, 60.5575, 46.2039 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, 189, 170) }
```


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

```
.border{ border-color:rgb(255, 189, 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, 189, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6933, 60.5575, 46.2039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 170) }
```

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

```
.background{ background-color: rgb(255,  
189, 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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