

Converting Colors

XYZ(67.3280, 61.7961, 46.5102)

Have a look what the booklet for
XYZ(67.3280, 61.7961, 46.5102)
contains.

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Color

**XYZ(67.3453, 61.8616,
46.4212)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC0AA
RGB	255, 192, 170
RGB Percent	100%, 75%, 67%
CMY	0.0000, 0.2470, 0.3333
CMYK	0.00, 0.25, 0.33, 0.00
HSL	16°, 100%, 83%
HSV	16°, 33%, 100%
XYZ	67.3453, 61.8616, 46.4212
YIQ	208.3290, 44.6100, 6.5140

Conversions

Conversions Part 2

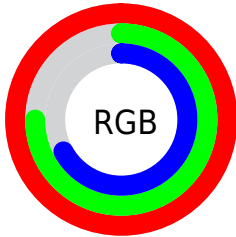
Format	Color
R _Y B	255, 200, 170
Decimal	16761002
CIE Lab	82.84, 19.72, 19.89
CIE LCh	83, 28.005, 45.243
Yxy	61.8616, 0.3835, 0.3522
Android (android.graphics.Color)	4294951082 (0xFFFFC0AA)
YUV	208.3290, -18.8962, 40.9305
Hunter-Lab	78.6521, 15.1980, 20.0630

Details

The XYZ color **67.3453, 61.8616, 46.4212** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.7653, 74.0411, 105.5382**, and the grayscale version is **60.2677, 63.4063, 69.0494**.

A 20% lighter version of the original color is **88.7063, 94.4476, 84.7891**, and **35.3845, 31.3553, 21.3268** is the 20% darker color. If you saturate the color by 10%, you get **61.2768, 53.2177, 33.6294**, and if you desaturate by 10%, it is **74.4178, 71.7642, 61.8572**.

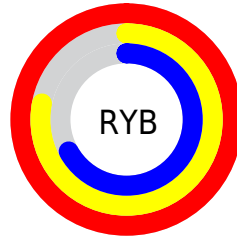
Distribution



Red (100%)

Green (75%)

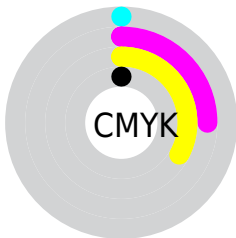
Blue (67%)



Red (100%)

Yellow (78%)

Blue (67%)

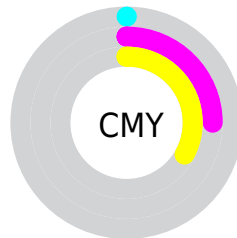


Cyan (0%)

Magenta (25%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.3453, 61.8616, 46.4212 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 67.3453, 61.8616, 46.4212 by changing the saturation by 10% instead.


 67.3453, 61.8616,
46.4212

 67.3453, 61.8616,
46.4212


440.5861,
431.4261, 388.8261

 49.6370, 44.9209,
32.2273


 114.4621,
107.5255, 86.1899

 35.3417, 31.3951,
21.2689


144.6014,
137.0174, 112.6018

 24.0939, 20.8999,
13.1275


179.6150,
171.4619, 143.9234

 15.5284, 13.0509,
7.3847


219.8683,
211.2433, 180.5732

 9.2798, 7.4636,
3.6217

265.7268,
256.7460, 222.9699

 4.9827, 3.7537,
1.4202


317.5556,

 2.2718, 1.5367,


308.3545, 271.5319


0.1574


375.7203,
366.4530, 326.6778


 0.7802, 0.3144,
0.0000


 0.0000, 0.0000,
0.0000


 67.3453, 61.8616,
46.4212


 67.3453, 61.8616,
46.4212


 61.2768, 53.2177,
33.6294


 74.4178, 71.7642,
61.8572

 56.1601, 45.7725,
23.3283

 82.5334, 82.9647,
80.0715

 51.9456, 39.4743,
15.3542

 91.7351, 95.5117,
101.1935

 48.5766, 34.2637,
9.5224

95.0500, 100.0000,
108.9000

■ 45.9894, 30.0756,
5.6191

■ 44.1096, 26.8373,
3.3857

■ 43.1892, 25.1584,
2.5797

Harmonies

Analogous

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



70.7091, 61.8616, 58.9981



67.3453, 61.8616, 46.4212



61.8008, 61.8616, 40.0778

Triad

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



67.3453, 61.8616, 46.4212



48.2828, 61.8616, 59.2473



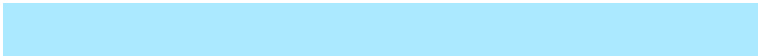
61.8990, 61.8616, 104.7438

Complementary

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



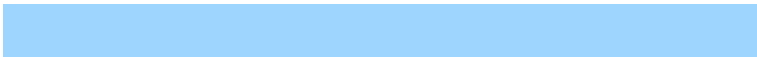
67.3453, 61.8616, 46.4212



63.7653, 74.0411, 105.5382

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.



55.8933, 61.8616, 104.8416



67.3453, 61.8616, 46.4212



48.3051, 61.8616, 76.4699

Square

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



67.3453, 61.8616, 46.4212



50.9424, 61.8616, 46.5767



51.0056, 61.8616, 93.7956



67.4214, 61.8616, 93.5476

Rectangle

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



67.3453, 61.8616, 46.4212



57.7444, 61.8616, 39.4050



51.0056, 61.8616, 93.7956



59.8635, 61.8616, 106.1314

Sweetspot

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



67.3469, 61.8645, 46.4224



85.4775, 86.9946, 86.7818



70.4304, 55.9362, 84.7386



18.0268, 18.2528, 17.9607



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.



67.3469, 61.8645, 46.4224



63.1915, 55.9634, 37.6084



77.8476, 82.8659, 49.9227



18.3916, 18.7514, 18.7944



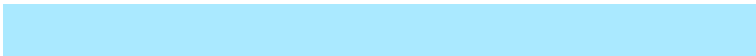
22.6687, 13.3485, 1.3818



2.2910, 1.4673, 0.1625

Inverse Universe

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



63.7653, 74.0411, 105.5382



59.0938, 69.8061, 104.9671



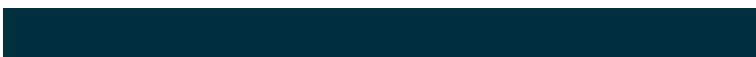
53.3135, 53.1374, 102.0543



18.1335, 19.6386, 23.0848



19.0655, 23.0406, 52.8770



1.9447, 2.4201, 5.1779

Previews

White Background



This preview shows how the XYZ color 67.3453, 61.8616, 46.4212 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 67.3453, 61.8616, 46.4212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

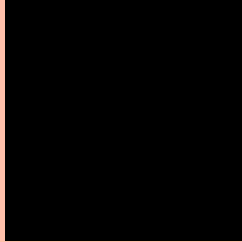
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.3453, 61.8616, 46.4212

Background



This preview shows how black text looks on a background with the XYZ color 67.3453, 61.8616, 46.4212.



This preview shows how white text looks on a background with the XYZ color 67.3453, 61.8616,

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

67.3453, 61.8616, 46.4212

Protanopia

58.6224, 62.0687, 50.4857

Deuteranopia

63.5200, 62.2367, 46.2011



Tritanopia

70.0983, 61.9195, 64.1342

Trichromacy



Original Color

67.3453, 61.8616, 46.4212

Protanomaly

61.4816, 61.8182, 48.7361

Deuteranomaly

64.5575, 61.7569, 46.0538

Tritanomaly

68.9477, 61.8046, 57.0107

Monochromacy



Original Color

67.3453, 61.8616, 46.4212

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.9095, 62.1437, 59.7709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3453, 61.8616, 46.4212 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, 192, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 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, 192, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 170) }
```

Border

The CSS property to change the border of an element to XYZ 67.3453, 61.8616, 46.4212 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, 192, 170) }
```


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

```
.border{ border-color:rgb(255, 192, 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, 192, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3453, 61.8616, 46.4212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 170) }
```

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

```
.background{ background-color: rgb(255,  
192, 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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