

Converting Colors

XYZ(91.6421, 76.3034, 47.5363)

Have a look what the booklet for
XYZ(91.6421, 76.3034, 47.5363)
contains.

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Color

**XYZ(68.5955, 64.5127,
46.3729)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC6A9
RGB	255, 198, 169
RGB Percent	100%, 78%, 66%
CMY	0.0000, 0.2235, 0.3372
CMYK	0.00, 0.22, 0.34, 0.00
HSL	20°, 100%, 83%
HSV	20°, 34%, 100%
XYZ	68.5955, 64.5127, 46.3729
YIQ	211.7370, 43.2810, 3.0650

Conversions

Conversions Part 2

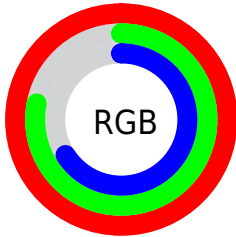
Format	Color
R _Y B	255, 213, 169
Decimal	16762537
CIE Lab	84.23, 16.46, 22.34
CIE LCh	84, 27.747, 53.618
Yxy	64.5127, 0.3822, 0.3594
Android (android.graphics.Color)	4294952617 (0xFFFFC6A9)
YUV	211.7370, -21.0693, 37.9417
Hunter-Lab	80.3198, 11.8847, 21.9926

Details

The XYZ color **68.5955, 64.5127, 46.3729** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.6076, 70.0453, 104.8808**, and the grayscale version is **62.5213, 65.7773, 71.6315**.

A 20% lighter version of the original color is **90.4545, 98.1618, 84.7007**, and **36.2101, 33.1012, 21.3103** is the 20% darker color. If you saturate the color by 10%, you get **62.7816, 56.3496, 33.7539**, and if you desaturate by 10%, it is **75.3105, 73.7306, 61.5969**.

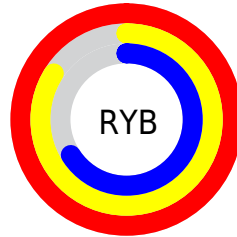
Distribution



Red (100%)

Green (78%)

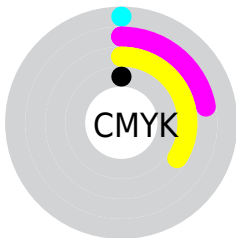
Blue (66%)



Red (100%)

Yellow (84%)

Blue (66%)

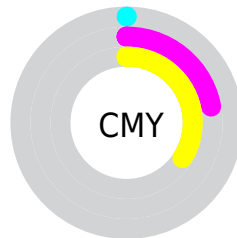


Cyan (0%)

Magenta (22%)

Yellow (34%)

Black (0%)



Cyan (0%)

Magenta (22%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.5955, 64.5127, 46.3729 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 68.5955, 64.5127, 46.3729 by changing the saturation by 10% instead.


 68.5955, 64.5127,
46.3729

 68.5955, 64.5127,
46.3729


444.9467,
441.0388, 388.6269

 50.6578, 47.0661,
32.1894


 116.2409,
111.3490, 86.1170

 36.1563, 33.0879,
21.2402


146.6793,
141.5074, 112.5146

 24.7256, 22.1938,
13.1067

182.0153,
176.6719, 143.8207

 16.0004, 13.9994,
7.3705

222.6142,
217.2268, 180.4538

 9.6153, 8.1202,
3.6129

268.8415,
263.5565, 222.8324

 5.2049, 4.1720,
1.4155

321.0624,

 2.4040, 1.7702,

316.0455, 271.3751

0.1538

379.6424,
375.0781, 326.5004

■ 0.8471, 0.4685,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.5955, 64.5127,
46.3729

■ 68.5955, 64.5127,
46.3729

■ 62.7816, 56.3496,
33.7539

■ 75.3105, 73.7306,
61.5969

■ 57.8227, 49.1932,
23.5877

■ 82.9604, 84.0312,
79.5584

■ 53.6754, 43.0047,
15.7123

■ 91.5827, 95.4525,
100.3854

■ 50.2902, 37.7393,
9.9443

95.0500, 100.0000,
108.9000

■ 47.6111, 33.3476,
6.0714

■ 45.5722, 29.7747,
3.8354

■ 44.5681, 27.9162,
3.0394

Harmonies

Analogous

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



72.7914, 64.5127, 57.5411



68.5955, 64.5127, 46.3729



62.6400, 64.5127, 41.6981

Triad

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



68.5955, 64.5127, 46.3729



50.3098, 64.5127, 66.5492



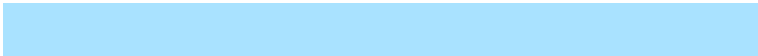
66.1734, 64.5127, 106.0284

Complementary

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



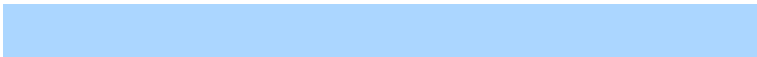
68.5955, 64.5127, 46.3729



61.6076, 70.0453, 104.8808

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.



60.0135, 64.5127, 109.5195



68.5955, 64.5127, 46.3729



51.1173, 64.5127, 84.6896

Square

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



68.5955, 64.5127, 46.3729



52.2893, 64.5127, 52.0244



54.5732, 64.5127, 101.1561



71.3290, 64.5127, 92.2852

Rectangle

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



68.5955, 64.5127, 46.3729



58.5776, 64.5127, 42.2241



54.5732, 64.5127, 101.1561



64.1413, 64.5127, 108.5254

Sweetspot

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



68.5971, 64.5157, 46.3742



86.0566, 88.1527, 86.9748



69.2016, 55.1458, 79.1888



18.1662, 18.5315, 18.0072



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.



68.5971, 64.5157, 46.3742



64.8454, 59.2712, 38.1598



79.7584, 86.8382, 50.0946



18.5100, 18.9882, 18.8338



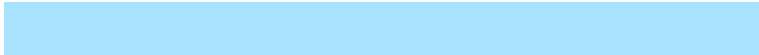
23.4107, 14.8326, 1.6291



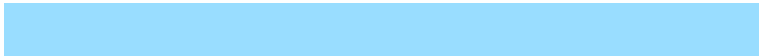
2.3756, 1.6366, 0.1907

Inverse Universe

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



61.6076, 70.0453, 104.8808



56.9374, 65.4933, 104.2483



51.4151, 49.6604, 101.4833



18.0086, 19.3888, 23.0432



16.9882, 18.8860, 52.1846



1.7551, 2.0410, 5.1147

Previews

White Background



This preview shows how the XYZ color 68.5955, 64.5127, 46.3729 looks on a white background.

Color Contrast Check

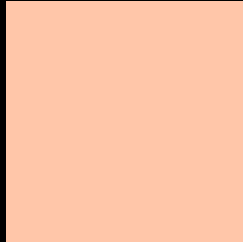
Large Text (above 18pt) WCAG AA × Fail

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 68.5955, 64.5127, 46.3729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

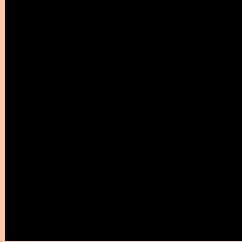
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.5955, 64.5127, 46.3729

Background



This preview shows how black text looks on a background with the XYZ color 68.5955, 64.5127, 46.3729.



This preview shows how white text looks on a background with the XYZ color 68.5955, 64.5127,

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

68.5955, 64.5127, 46.3729

Protanopia

60.9087, 64.7179, 49.8390

Deuteranopia

65.8446, 64.4807, 46.0214



Tritanopia

71.9170, 64.3976, 68.3141

Trichromacy



Original Color

68.5955, 64.5127, 46.3729

Protanomaly

63.5458, 64.6522, 48.6651

Deuteranomaly

67.0214, 64.7402, 46.0095

Tritanomaly

70.4927, 64.1853, 59.7126

Monochromacy



Original Color

68.5955, 64.5127, 46.3729

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.2715, 65.1051, 61.4036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.5955, 64.5127, 46.3729 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, 198, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 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(255, 198, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 169) }
```

Border

The CSS property to change the border of an element to XYZ 68.5955, 64.5127, 46.3729 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, 198, 169) }
```


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

```
.border{ border-color:rgb(255, 198, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 198, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 68.5955, 64.5127, 46.3729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 169) }
```

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

```
.background{ background-color: rgb(255,  
198, 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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