

Converting Colors

XYZ(69.0178, 66.3793, 44.3692)

Have a look what the booklet for
XYZ(69.0178, 66.3793, 44.3692)
contains.

XYZ(68.9298, 66.4630, 44.3176)	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(68.9298, 66.4630,
44.3176)**

Conversions

Conversions Part 1

Format	Color
Hex	FECBA4
RGB	254, 203, 164
RGB Percent	100%, 80%, 64%
CMY	0.0039, 0.2039, 0.3569
CMYK	0.00, 0.20, 0.35, 0.00
HSL	26°, 98%, 82%
HSV	26°, 35%, 100%
XYZ	68.9298, 66.4630, 44.3176
YIQ	213.8030, 42.9150, -1.3170

Conversions

Conversions Part 2

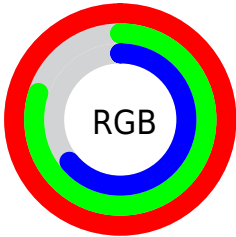
Format	Color
R_{YB}	254, 233, 164
Decimal	16698276
CIE Lab	85.23, 12.88, 26.32
CIE LCh	85, 29.300, 63.932
Yxy	66.4630, 0.3836, 0.3698
Android (android.graphics.Color)	4294888356 (0xFFFECA4)
YUV	213.8030, -24.5529, 35.2528
Hunter-Lab	81.5248, 8.2545, 24.8368

Details

The XYZ color **68.9298, 66.4630, 44.3176** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.4989, 63.6470, 103.0205**, and the grayscale version is **63.9251, 67.2542, 73.2398**.

A 20% lighter version of the original color is **89.7862, 97.8945, 81.1811**, and **36.4370, 34.4005, 20.0488** is the 20% darker color. If you saturate the color by 10%, you get **63.6190, 59.1529, 32.3384**, and if you desaturate by 10%, it is **75.0177, 74.5937, 58.8172**.

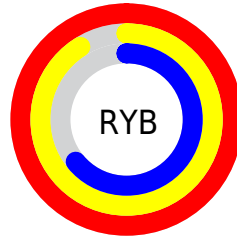
Distribution



Red (100%)

Green (80%)

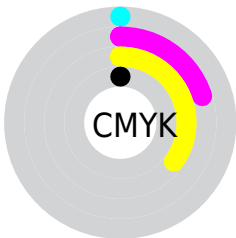
Blue (64%)



Red (100%)

Yellow (91%)

Blue (64%)

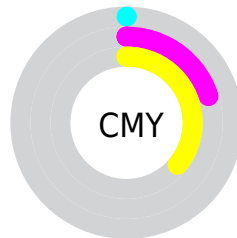


Cyan (0%)

Magenta (20%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (20%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.9298, 66.4630, 44.3176 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 68.9298, 66.4630, 44.3176 by changing the saturation by 10% instead.


 68.9298, 66.4630,
44.3176


 68.9298, 66.4630,
44.3176


446.1086,
448.0309, 380.0820

 50.9310, 48.6484,
30.5812


 116.7159,
114.1506, 83.0030

 36.3745, 34.3406,
20.0244


 147.2339,
144.7924, 108.7891

 24.8950, 23.1554,
12.2285


182.6557,
180.4786, 139.4289

 16.1272, 14.7083,
6.7751

223.3466,
221.5937, 175.3410

 9.7056, 8.6149,
3.2455

269.6720,
268.5221, 216.9437

 5.2650, 4.4909,
1.2213

321.9972,

 2.4399, 1.9518,

321.6482, 264.6558

0.0000

380.6876,
381.3563, 318.8957

■ 0.8650, 0.5792,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.9298, 66.4630,
44.3176

■ 68.9298, 66.4630,
44.3176

■ 63.6190, 59.1529,
32.3384

■ 75.0177, 74.5937,
58.8172

■ 59.0442, 52.6259,
22.7282

■ 81.9109, 83.5620,
75.9684

■ 55.1678, 46.8552,
15.3258

■ 89.6423, 93.3963,
95.8979

■ 51.9463, 41.8083,
9.9474

94.6831, 99.8108,
108.8828

■ 49.3297, 37.4497,
6.3790

■ 47.2582, 33.7389,
4.3567

■ 46.4578, 32.2404,
3.7744

Harmonies

Analogous

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



74.3287, 66.4630, 53.8696



68.9298, 66.4630, 44.3176



62.3024, 66.4630, 41.7569

Triad

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



68.9298, 66.4630, 44.3176



51.3069, 66.4630, 74.8951



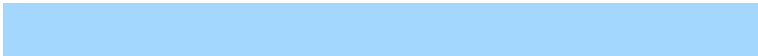
70.5443, 66.4630, 107.0128

Complementary

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



68.9298, 66.4630, 44.3176



57.4989, 63.6470, 103.0205

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.



64.0478, 66.4630, 115.1558



68.9298, 66.4630, 44.3176



53.1900, 66.4630, 94.6771

Square

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



68.9298, 66.4630, 44.3176



52.4156, 66.4630, 57.5040



57.7424, 66.4630, 110.2897



75.3056, 66.4630, 89.5927

Rectangle

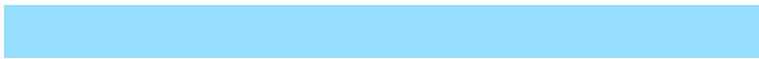
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.9298, 66.4630, 44.3176



58.1482, 66.4630, 43.9049



57.7424, 66.4630, 110.2897



68.4752, 66.4630, 111.0517

Sweetspot

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



68.9315, 66.4661, 44.3189



85.9960, 88.5988, 85.2057



66.4147, 52.5287, 70.9291



18.1834, 18.6790, 17.6643



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.



68.9315, 66.4661, 44.3189



65.4195, 61.3983, 35.3329



81.1415, 90.8861, 48.3889



18.6569, 19.2819, 18.8828



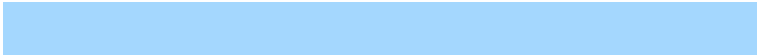
24.6334, 17.2780, 2.0367



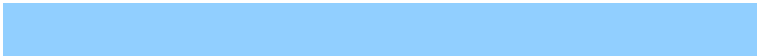
2.5046, 1.8946, 0.2337

Inverse Universe

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



57.4989, 63.6470, 103.0205



52.2177, 58.1294, 103.0757



47.5746, 43.7985, 99.7125



17.8572, 19.0860, 22.9927



14.8325, 14.5746, 51.4660



1.5529, 1.6364, 5.0473

Previews

White Background



This preview shows how the XYZ color 68.9298, 66.4630, 44.3176 looks on a white background.

Color Contrast Check

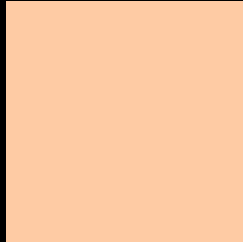
Large Text (above 18pt) WCAG AA × Fail

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 68.9298, 66.4630, 44.3176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

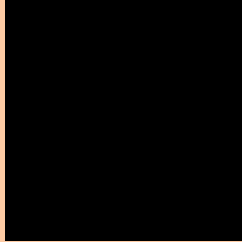
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.9298, 66.4630, 44.3176

Background



This preview shows how black text looks on a background with the XYZ color 68.9298, 66.4630, 44.3176.



This preview shows how white text looks on a background with the XYZ color 68.9298, 66.4630,

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

68.9298, 66.4630, 44.3176

Protanopia

62.6342, 66.7840, 47.1255

Deuteranopia

67.9565, 66.6670, 44.4083



Tritanopia

73.3177, 66.4016, 71.2399

Trichromacy



Original Color

68.9298, 66.4630, 44.3176

Protanomaly

64.7006, 66.3955, 45.9647

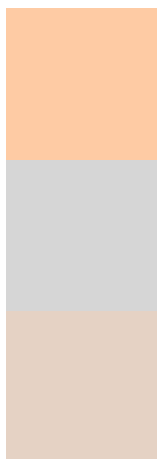
Deuteranomaly

68.0774, 66.3753, 44.3456

Tritanomaly

71.7446, 66.5087, 60.6859

Monochromacy



Original Color

68.9298, 66.4630, 44.3176

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.3235, 66.7367, 61.6631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.9298, 66.4630, 44.3176 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(254, 203, 164)` looks like.

```
.text, #text, p{  
    color:rgb(254, 203, 164)  
}
```

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(254, 203, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 203, 164) }
```

Border

The CSS property to change the border of an element to XYZ 68.9298, 66.4630, 44.3176 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(254, 203, 164) }
```


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

```
.border{ border-color:rgb(254, 203, 164) }
```

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

Here you see how a box with a 4 pixel rgb(254, 203, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 203, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 203, 164);  
box-shadow:4px 4px 4px 4px rgb(254, 203,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 68.9298, 66.4630, 44.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 203, 164) }
```

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

```
.background{ background-color: rgb(254,  
203, 164) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor