

Converting Colors

XYZ(68.3733, 66.5134, 45.8433)

Have a look what the booklet for
XYZ(68.3733, 66.5134, 45.8433)
contains.

XYZ(68.3516, 66.4850, 45.7896)	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(68.3516, 66.4850,
45.7896)**

Conversions

Conversions Part 1

Format	Color
Hex	FBCCA7
RGB	251, 204, 167
RGB Percent	98%, 80%, 65%
CMY	0.0157, 0.2000, 0.3451
CMYK	0.00, 0.19, 0.33, 0.02
HSL	26°, 91%, 82%
HSV	26°, 33%, 98%
XYZ	68.3516, 66.4850, 45.7896
YIQ	213.8350, 39.8890, -1.5430

Conversions

Conversions Part 2

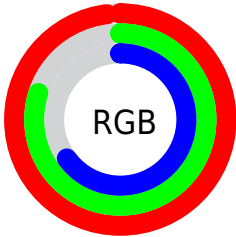
Format	Color
R _{YB}	251, 233, 167
Decimal	16501927
CIE Lab	85.24, 11.57, 24.72
CIE LCh	85, 27.289, 64.919
Yxy	66.4850, 0.3784, 0.3681
Android (android.graphics.Color)	4294692007 (0xFFFBCCA7)
YUV	213.8350, -23.0897, 32.5937
Hunter-Lab	81.5383, 6.9401, 23.7813

Details

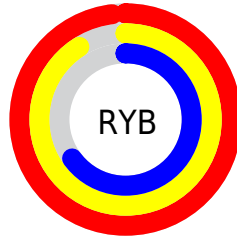
The XYZ color **68.3516, 66.4850, 45.7896** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.3948, 63.2716, 100.4545**, and the grayscale version is **63.9386, 67.2684, 73.2553**.

A 20% lighter version of the original color is **90.1848, 98.0539, 83.2803**, and **35.9932, 34.3880, 20.9601** is the 20% darker color. If you saturate the color by 10%, you get **63.0645, 59.2706, 33.6690**, and if you desaturate by 10%, it is **74.3935, 74.4877, 60.3849**.

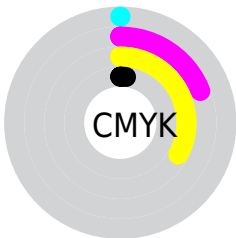
Distribution



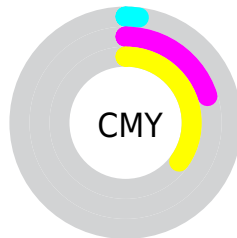
- Red (98%)
- Green (80%)
- Blue (65%)



- Red (98%)
- Yellow (91%)
- Blue (65%)



- Cyan (0%)
- Magenta (19%)
- Yellow (33%)
- Black (2%)





- Cyan (2%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.3516, 66.4850, 45.7896 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 68.3516, 66.4850, 45.7896 by changing the saturation by 10% instead.


 68.3516, 66.4850,
45.7896


 68.3516, 66.4850,
45.7896


444.0980,
448.1094, 386.2151

 50.4586, 48.6662,
31.7324


 115.8941,
114.1822, 85.2350

 35.9972, 34.3548,
20.8940


 146.2743,
144.8293, 111.4602

 24.6021, 23.1663,
12.8561


181.5476,
180.5214, 142.5785

 15.9080, 14.7163,
7.2000

222.0794,
221.6428, 179.0084

 9.5495, 8.6205,
3.5071

268.2349,
268.5779, 221.1685

 5.1613, 4.4945,
1.3590

320.3796,

 2.3779, 1.9539,

321.7111, 269.4773

0.1095

378.8789,
381.4268, 324.3533

■ 0.8341, 0.5805,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.3516, 66.4850,
45.7896

■ 68.3516, 66.4850,
45.7896

■ 63.0645, 59.2706,
33.6690

■ 74.3935, 74.4877,
60.3849

■ 58.4929, 52.8088,
23.8788

■ 81.2167, 83.2942,
77.5801

■ 54.6015, 47.0748,
16.2655

■ 88.8526, 92.9312,
97.4967

■ 51.3492, 42.0383,
10.6556

■ 93.5937, 99.2493,
108.8318

■ 48.6894, 37.6662,
6.8481

■ 46.5669, 33.9211,
4.5992

■ 45.4219, 31.7857,
3.7413

Harmonies

Analogous

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



73.4193, 66.4850, 54.6440



68.3516, 66.4850, 45.7896



62.1810, 66.4850, 43.5600

Triad

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



68.3516, 66.4850, 45.7896



52.1015, 66.4850, 75.3412



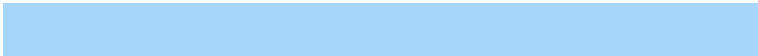
70.2236, 66.4850, 103.9504

Complementary

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



68.3516, 66.4850, 45.7896



57.3948, 63.2716, 100.4545

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.



64.2139, 66.4850, 111.7589



68.3516, 66.4850, 45.7896



53.9615, 66.4850, 93.6159

Square

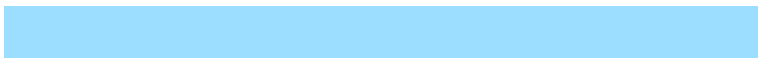
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.3516, 66.4850, 45.7896



53.0517, 66.4850, 58.9317



58.2988, 66.4850, 107.6999



74.5485, 66.4850, 87.7575

Rectangle

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



68.3516, 66.4850, 45.7896



58.3277, 66.4850, 45.7597



58.2988, 66.4850, 107.6999



68.3195, 66.4850, 107.7528

Sweetspot

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



68.3533, 66.4881, 45.7910



86.8293, 89.6982, 87.2324



65.8173, 53.0331, 70.7889



18.3526, 18.9043, 18.0693



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.



68.3533, 66.4881, 45.7910



67.1690, 63.9184, 38.9343



79.5326, 88.8466, 49.5174



17.8739, 18.4836, 18.0880



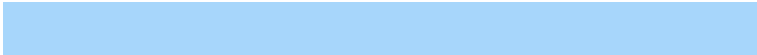
24.0151, 16.9869, 2.0131



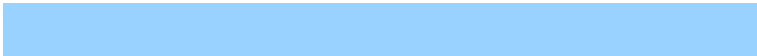
2.3278, 1.7805, 0.2210

Inverse Universe

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



57.3948, 63.2716, 100.4545



54.2495, 60.1176, 103.3523



48.2166, 44.9153, 97.3951



17.0886, 18.2540, 22.0080



14.2626, 13.8808, 49.9011



1.4266, 1.4968, 4.6569

Previews

White Background



This preview shows how the XYZ color 68.3516, 66.4850, 45.7896 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 68.3516, 66.4850, 45.7896 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 68.3516, 66.4850, 45.7896

Background



This preview shows how black text looks on a background with the XYZ color 68.3516, 66.4850, 45.7896.



This preview shows how white text looks on a background with the XYZ color 68.3516, 66.4850,

45.7896.

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

68.3516, 66.4850, 45.7896

Protanopia

62.5090, 66.6975, 48.1074

Deuteranopia

67.8733, 66.5924, 45.8355



Tritanopia

73.4443, 66.4523, 71.9064

Trichromacy



Original Color

68.3516, 66.4850, 45.7896

Protanomaly

64.5632, 66.6576, 47.4936

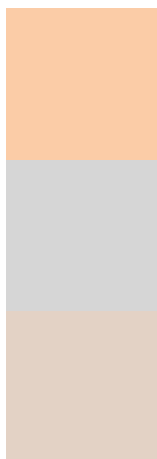
Deuteranomaly

68.2307, 66.7767, 45.8523

Tritanomaly

71.4911, 66.3649, 61.2663

Monochromacy



Original Color

68.3516, 66.4850, 45.7896

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.8032, 66.4553, 62.2350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.3516, 66.4850, 45.7896 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(251, 204, 167)` looks like.

```
.text, #text, p{  
    color:rgb(251, 204, 167)  
}
```

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(251, 204, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 204, 167) }
```

Border

The CSS property to change the border of an element to XYZ 68.3516, 66.4850, 45.7896 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(251, 204, 167) }
```


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

```
.border{ border-color:rgb(251, 204, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 204, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 204, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 204, 167);  
box-shadow:4px 4px 4px 4px rgb(251, 204,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 68.3516, 66.4850, 45.7896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 204, 167) }
```

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

```
.background{ background-color: rgb(251,  
204, 167) }
```

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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