

Converting Colors

XYZ(68.7299, 66.5719, 54.1525)

Have a look what the booklet for
XYZ(68.7299, 66.5719, 54.1525)
contains.

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Color

**XYZ(68.4979, 66.3788,
54.0019)**

Conversions

Conversions Part 1

Format	Color
Hex	F7CCB7
RGB	247, 204, 183
RGB Percent	97%, 80%, 72%
CMY	0.0314, 0.2000, 0.2823
CMYK	0.00, 0.17, 0.26, 0.03
HSL	20°, 80%, 84%
HSV	20°, 26%, 97%
XYZ	68.4979, 66.3788, 54.0019
YIQ	214.4630, 32.3690, 2.5850

Conversions

Conversions Part 2

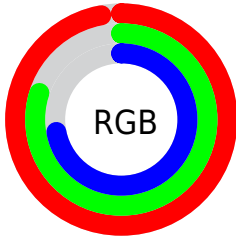
Format	Color
R _Y B	247, 214, 183
Decimal	16239799
CIE Lab	85.19, 12.12, 16.15
CIE LCh	85, 20.194, 53.118
Yxy	66.3788, 0.3627, 0.3514
Android (android.graphics.Color)	4294429879 (0xFFF7CCB7)
YUV	214.4630, -15.5113, 28.5349
Hunter-Lab	81.4732, 7.4943, 17.7327

Details

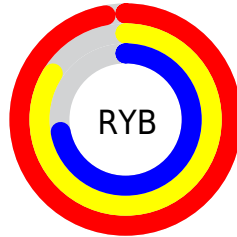
The XYZ color **68.4979, 66.3788, 54.0019** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.5126, 71.1734, 98.3864**, and the grayscale version is **64.3160, 67.6654, 73.6877**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **36.1708, 34.3715, 25.8471** is the 20% darker color. If you saturate the color by 10%, you get **62.4135, 57.9693, 40.3836**, and if you desaturate by 10%, it is **75.4573, 75.8153, 70.1390**.

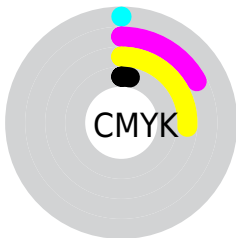
Distribution



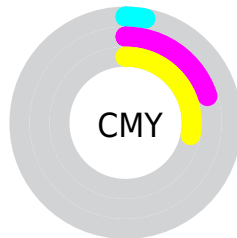
- Red (97%)
- Green (80%)
- Blue (72%)



- Red (97%)
- Yellow (84%)
- Blue (72%)



- Cyan (0%)
- Magenta (17%)
- Yellow (26%)
- Black (3%)





- Cyan (3%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.4979, 66.3788, 54.0019 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 68.4979, 66.3788, 54.0019 by changing the saturation by 10% instead.


 68.4979, 66.3788,
54.0019

 68.4979, 66.3788,
54.0019


444.6072,
447.7304, 419.2921

 50.5781, 48.5800,
38.2100


 116.1021,
114.0298, 97.5335

 36.0926, 34.2864,
25.8426


146.5173,
144.6508, 126.1102

 24.6762, 23.1137,
16.4812


181.8282,
180.3147, 159.7856

 15.9634, 14.6775,
9.7073

222.4002,
221.4058, 198.9783

 9.5889, 8.5934,
5.1023

268.5988,
268.3085, 244.1067

 5.1874, 4.4769,
2.2476

320.7893,

 2.3935, 1.9438,

321.4072, 295.5895

0.7016

379.3369,
381.0864, 353.8451

■ 0.8419, 0.5745,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.4979, 66.3788,
54.0019

■ 68.4979, 66.3788,
54.0019

■ 62.4135, 57.9693,
40.3836

■ 75.4573, 75.8153,
70.1390

■ 57.1620, 50.5420,
29.1516

■ 83.3207, 86.3035,
88.9102

■ 52.7058, 44.0621,
20.1671

■ 91.7820, 97.7424,
108.6365

■ 49.0019, 38.4891,
13.2754

■ 92.1679, 98.5142,
108.7651

■ 46.0025, 33.7794,
8.3017

■ 43.6536, 29.8850,
5.0423

■ 41.8909, 26.7516,
3.2457

■ 41.3053, 25.6689,
2.7776

Harmonies

Analogous

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



71.4986, 66.3788, 62.8624



68.4979, 66.3788, 54.0019



64.1469, 66.3788, 50.1125

Triad

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



68.4979, 66.3788, 54.0019



54.7848, 66.3788, 69.3096



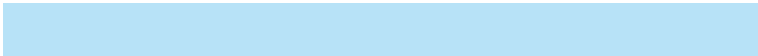
66.5947, 66.3788, 97.9012

Complementary

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



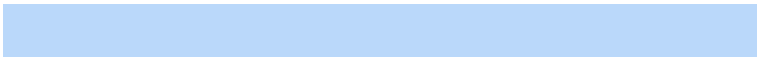
68.4979, 66.3788, 54.0019



63.5126, 71.1734, 98.3864

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.



62.0469, 66.3788, 100.1644



68.4979, 66.3788, 54.0019



55.3699, 66.3788, 82.5837

Square

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



68.4979, 66.3788, 54.0019



56.3380, 66.3788, 58.2350



57.9765, 66.3788, 94.2657



70.3633, 66.3788, 88.4082

Rectangle

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



68.4979, 66.3788, 54.0019



61.1230, 66.3788, 50.4849



57.9765, 66.3788, 94.2657



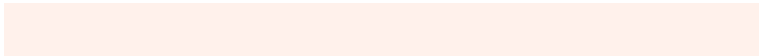
65.1009, 66.3788, 99.5762

Sweetspot

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



68.4997, 66.3819, 54.0033



87.7204, 90.3206, 91.1049



69.1202, 59.1732, 80.2593



18.4962, 18.9607, 18.8292



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

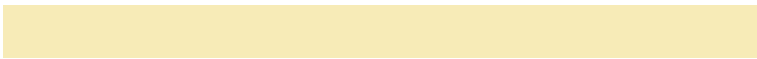
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.4997, 66.3819, 54.0033



70.1673, 66.5841, 50.2022



76.6903, 82.7630, 56.7335



16.9433, 17.3708, 17.2574



21.9600, 13.8055, 1.5073



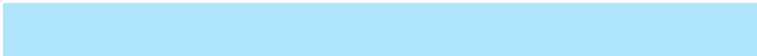
2.0201, 1.3934, 0.1625

Inverse Universe

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



63.5126, 71.1734, 98.3864



63.9779, 72.5137, 105.2323



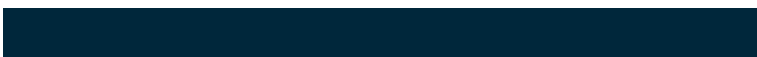
55.7731, 55.6943, 95.8066



16.5116, 17.7876, 21.1057



16.2195, 18.2328, 49.2024



1.5191, 1.7897, 4.3556

Previews

White Background



This preview shows how the XYZ color 68.4979, 66.3788, 54.0019 looks on a white background.

Color Contrast Check

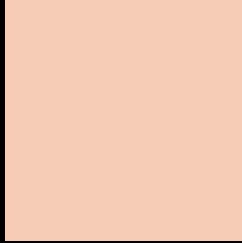
Large Text (above 18pt) WCAG AA × Fail

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 68.4979, 66.3788, 54.0019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

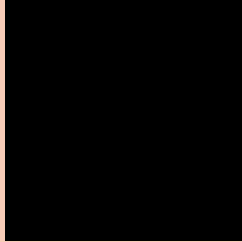
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.4979, 66.3788, 54.0019

Background



This preview shows how black text looks on a background with the XYZ color 68.4979, 66.3788, 54.0019.



This preview shows how white text looks on a background with the XYZ color 68.4979, 66.3788,

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

68.4979, 66.3788, 54.0019

Protanopia

62.9445, 66.3628, 56.5055

Deuteranopia

67.6868, 66.3146, 54.0323



Tritanopia

72.4728, 66.2624, 73.2602

Trichromacy



Original Color

68.4979, 66.3788, 54.0019

Protanomaly

64.9421, 66.3019, 55.8291

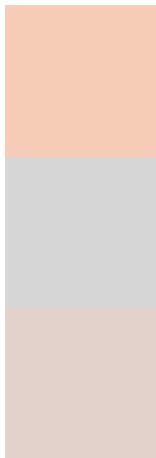
Deuteranomaly

68.0348, 66.4940, 54.0486

Tritanomaly

71.0905, 66.4091, 65.5713

Monochromacy



Original Color

68.4979, 66.3788, 54.0019

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.1901, 66.5737, 65.9140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.4979, 66.3788, 54.0019 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(247, 204, 183)` looks like.

```
.text, #text, p{  
    color:rgb(247, 204, 183)  
}
```

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(247, 204, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 204, 183) }
```

Border

The CSS property to change the border of an element to XYZ 68.4979, 66.3788, 54.0019 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(247, 204, 183) }
```


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

```
.border{ border-color:rgb(247, 204, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 204, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 204, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 204, 183); box-shadow:4px 4px 4px 4px rgb(247, 204, 183) }
```

Background

The CSS property to change the background color of an element to XYZ 68.4979, 66.3788, 54.0019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 204, 183) }
```

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

```
.background{ background-color: rgb(247,  
204, 183) }
```

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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