

Converting Colors

XYZ(66.8787, 62.1710, 57.8695)

Have a look what the booklet for
XYZ(66.8787, 62.1710, 57.8695)
contains.

XYZ(66.7018, 61.9380, 57.7299)	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(66.7018, 61.9380,
57.7299)**

Conversions

Conversions Part 1

Format	Color
Hex	F6C2BF
RGB	246, 194, 191
RGB Percent	96%, 76%, 75%
CMY	0.0353, 0.2392, 0.2510
CMYK	0.00, 0.21, 0.22, 0.04
HSL	3°, 75%, 86%
HSV	3°, 22%, 96%
XYZ	66.7018, 61.9380, 57.7299
YIQ	209.2060, 31.9550, 10.0910

Conversions

Conversions Part 2

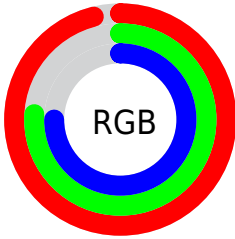
Format	Color
R_{YB}	246, 194, 191
Decimal	16171711
CIE Lab	82.88, 18.12, 8.61
CIE LCh	83, 20.060, 25.416
Yxy	61.9380, 0.3579, 0.3323
Android (android.graphics.Color)	4294361791 (0xFFFF6C2BF)
YUV	209.2060, -8.9756, 32.2683
Hunter-Lab	78.7007, 13.5592, 11.5991

Details

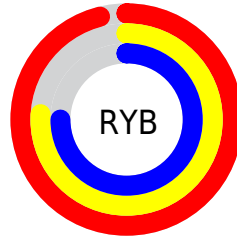
The XYZ color **66.7018, 61.9380, 57.7299** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.1702, 81.8292, 99.2854**, and the grayscale version is **60.7824, 63.9478, 69.6391**.

A 20% lighter version of the original color is **92.5257, 96.9698, 101.8361**, and **34.9518, 31.4100, 28.2653** is the 20% darker color. If you saturate the color by 10%, you get **59.4418, 51.3923, 43.0565**, and if you desaturate by 10%, it is **75.2299, 74.2912, 75.0706**.

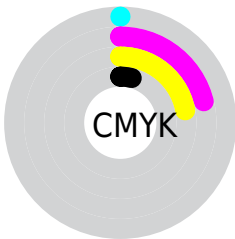
Distribution



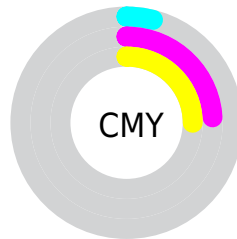
- Red (96%)
- Green (76%)
- Blue (75%)



- Red (96%)
- Yellow (76%)
- Blue (75%)



- Cyan (0%)
- Magenta (21%)
- Yellow (22%)
- Black (4%)





- Cyan (4%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.7018, 61.9380, 57.7299 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 66.7018, 61.9380, 57.7299 by changing the saturation by 10% instead.


 66.7018, 61.9380,
57.7299

 66.7018, 61.9380,
57.7299


438.3318,
431.7049, 433.7488

 49.1121, 44.9826,
41.1783


 113.5452,
107.6359, 103.0403

 34.9233, 31.4437,
28.1377


143.5296,
137.1472, 132.6362

 23.7701, 20.9370,
18.1895


178.3763,
171.6126, 167.4172

 15.2870, 13.0779,
10.9153

218.4507,
211.4165, 207.8020

 9.1087, 7.4822,
5.8964

264.1180,
256.9433, 254.2090

 4.8698, 3.7655,
2.7144

315.7438,

 2.2050, 1.5433,

308.5774, 307.0568

0.9507

373.6932,
366.7031, 366.7639

■ 0.7454, 0.3189,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.7018, 61.9380,
57.7299

■ 66.7018, 61.9380,
57.7299

■ 59.4418, 51.3923,
43.0565

■ 75.2299, 74.2912,
75.0706

■ 53.3845, 42.5613,
30.9145

■ 85.0773, 88.5220,
95.1975

■ 48.4664, 35.3570,
21.1619

■ 91.8162, 98.3329,
108.7487

■ 44.6163, 29.6799,
13.6408

■ 41.7546, 25.4201,
8.1749

■ 39.7908, 22.4525,
4.5608

■ 38.6176, 20.6304,
2.5539

■ 38.1558, 19.8921,
1.8285

Harmonies

Analogous

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



67.5509, 61.9380, 69.3604



66.7018, 61.9380, 57.7299



63.7156, 61.9380, 49.6778

Triad

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



66.7018, 61.9380, 57.7299



52.2884, 61.9380, 54.8097



58.2084, 61.9380, 94.0621

Complementary

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



66.7018, 61.9380, 57.7299



70.1702, 81.8292, 99.2854

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.



54.2769, 61.9380, 88.9995



66.7018, 61.9380, 57.7299



50.9670, 61.9380, 65.5552

Square

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



66.7018, 61.9380, 57.7299



55.3742, 61.9380, 48.1421



51.6770, 61.9380, 78.1820



62.5104, 61.9380, 91.3082

Rectangle

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



66.7018, 61.9380, 57.7299



60.9882, 61.9380, 46.9248



51.6770, 61.9380, 78.1820



56.8019, 61.9380, 93.2022

Sweetspot

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



66.7035, 61.9408, 57.7312



87.1590, 88.6052, 92.7445



72.8529, 63.3414, 93.3789



18.5172, 18.7652, 19.5683



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.



66.7035, 61.9408, 57.7312



68.5131, 61.6000, 54.8170



73.3331, 75.2001, 59.9411



16.5718, 16.6276, 17.1336



20.3965, 10.6787, 0.9862



1.8177, 0.9887, 0.0950

Inverse Universe

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



70.1702, 81.8292, 99.2854



72.9080, 86.8215, 107.5233



62.6130, 66.7147, 96.7664



16.9146, 18.5935, 21.2400



24.4004, 34.5946, 51.9294



2.1678, 3.0871, 4.5718

Previews

White Background



This preview shows how the XYZ color 66.7018, 61.9380, 57.7299 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 66.7018, 61.9380, 57.7299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

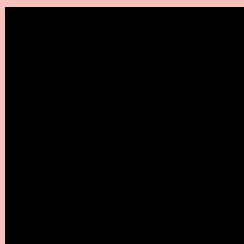
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.7018, 61.9380, 57.7299

Background



This preview shows how black text looks on a background with the XYZ color 66.7018, 61.9380, 57.7299.



This preview shows how white text looks on a background with the XYZ color 66.7018, 61.9380,

57.7299.

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

66.7018, 61.9380, 57.7299

Protanopia

59.3007, 62.1709, 61.6980

Deuteranopia

63.3220, 61.8882, 57.3234



Tritanopia

68.7016, 62.1120, 66.7604

Trichromacy



Original Color

66.7018, 61.9380, 57.7299

Protanomaly

61.7113, 62.0285, 60.3499

Deuteranomaly

64.5204, 61.8274, 57.2485

Tritanomaly

67.9704, 62.1311, 63.6684

Monochromacy



Original Color

66.7018, 61.9380, 57.7299

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.3777, 62.9796, 64.7457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7018, 61.9380, 57.7299 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(246, 194, 191)` looks like.

```
.text, #text, p{  
    color:rgb(246, 194, 191)  
}
```

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(246, 194, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 194, 191) }
```

Border

The CSS property to change the border of an element to XYZ 66.7018, 61.9380, 57.7299 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(246, 194, 191) }
```


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

```
.border{ border-color:rgb(246, 194, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 194, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 194, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 194, 191);  
box-shadow:4px 4px 4px 4px rgb(246, 194,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7018, 61.9380, 57.7299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 194, 191) }
```

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

```
.background{ background-color: rgb(246,  
194, 191) }
```

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