

Converting Colors

XYZ(65.6737, 57.1895, 49.9605)

Have a look what the booklet for
XYZ(65.6737, 57.1895, 49.9605)
contains.

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Color

**XYZ(65.6979, 57.1572,
50.2176)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB4B3
RGB	255, 180, 179
RGB Percent	100%, 71%, 70%
CMY	0.0000, 0.2941, 0.2980
CMYK	0.00, 0.29, 0.30, 0.00
HSL	1°, 100%, 85%
HSV	1°, 30%, 100%
XYZ	65.6979, 57.1572, 50.2176
YIQ	202.3110, 45.0210, 15.5890

Conversions

Conversions Part 2

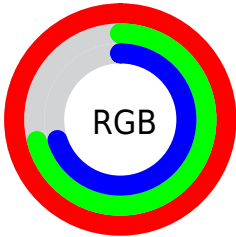
Format	Color
R _Y B	255, 180, 179
Decimal	16757939
CIE Lab	80.27, 27.14, 11.46
CIE LCh	80, 29.458, 22.885
Yxy	57.1572, 0.3796, 0.3302
Android (android.graphics.Color)	4294948019 (0xFFFFB4B3)
YUV	202.3110, -11.4923, 46.2083
Hunter-Lab	75.6024, 22.8110, 13.5393

Details

The XYZ color **65.6979, 57.1572, 50.2176** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.0808, 87.6841, 107.7334**, and the grayscale version is **56.3844, 59.3208, 64.6003**.

A 20% lighter version of the original color is **86.2308, 87.2491, 90.8932**, and **34.3812, 28.5554, 23.4383** is the 20% darker color. If you saturate the color by 10%, you get **58.7266, 46.9673, 36.3249**, and if you desaturate by 10%, it is **74.0712, 69.3874, 66.9316**.

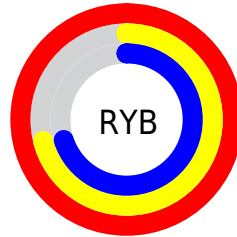
Distribution



Red (100%)

Green (71%)

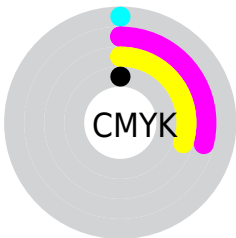
Blue (70%)



Red (100%)

Yellow (71%)

Blue (70%)

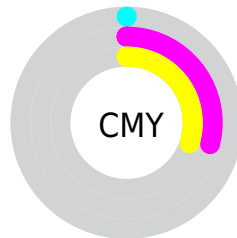


Cyan (0%)

Magenta (29%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.6979, 57.1572, 50.2176 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 65.6979, 57.1572, 50.2176 by changing the saturation by 10% instead.


 65.6979, 57.1572,
50.2176

 65.6979, 57.1572,
50.2176

434.8014,
414.0381, 404.2757

 48.2940, 41.1315,
35.2139


 112.1128,
100.6945, 91.8968

 34.2720, 28.4218,
23.5428


141.8544,
128.9749, 119.4095

 23.2665, 18.6439,
14.7858

176.4394,
162.1090, 151.9288

 14.9122, 11.4132,
8.5242

216.2331,
200.4811, 189.8735

 8.8437, 6.3455,
4.3396

261.6007,
244.4757, 233.6620

 4.6957, 3.0563,
1.8135

312.9078,

 2.1027, 1.1612,

294.4771, 283.7128

0.4368

370.5195,
350.8698, 340.4445

0.6907, 0.0297,
0.0000

0.0000, 0.0000,
0.0000

65.6979, 57.1572,
50.2176

65.6979, 57.1572,
50.2176

58.7266, 46.9673,
36.3249

74.0712, 69.3874,
66.9316

53.0767, 38.6991,
25.0948

83.9124, 83.7518,
86.6069

48.6659, 32.2346,
16.3580

95.0500, 100.0000,
108.9000

45.4013, 27.4393,
9.9248

■ 43.1768, 24.1598,
5.5779

■ 41.8666, 22.2148,
3.0586

■ 41.2847, 21.3451,
1.9585

■ 41.2766, 21.3332,
1.9422

Harmonies

Analogous

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



66.6349, 57.1572, 66.4298



65.6979, 57.1572, 50.2176



61.6111, 57.1572, 39.3744

Triad

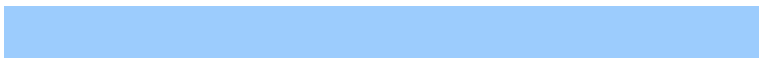
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.6979, 57.1572, 50.2176



45.6124, 57.1572, 44.3046



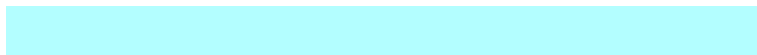
52.9056, 57.1572, 101.2455

Complementary

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



65.6979, 57.1572, 50.2176



72.0808, 87.6841, 107.7334

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.



47.6394, 57.1572, 92.5736



65.6979, 57.1572, 50.2176



43.6351, 57.1572, 58.2197

Square

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



65.6979, 57.1572, 50.2176



49.9499, 57.1572, 36.4264



44.3488, 57.1572, 76.0300



58.9509, 57.1572, 98.0256

Rectangle

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



65.6979, 57.1572, 50.2176



57.8028, 57.1572, 35.6340



44.3488, 57.1572, 76.0300



50.9918, 57.1572, 99.5780

Sweetspot

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



65.6994, 57.1599, 50.2187



84.7688, 85.0015, 88.3203



75.4104, 60.7207, 102.3535



17.8136, 17.7117, 18.2432



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.



65.6994, 57.1599, 50.2187



61.2185, 50.6110, 41.2867



74.1898, 74.1408, 53.0489



18.0287, 18.0255, 18.6734



21.5762, 11.1637, 1.0176



2.1073, 1.0999, 0.1012

Inverse Universe

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



72.0808, 87.6841, 107.7334



68.5691, 85.7754, 107.5501



61.4537, 66.4299, 104.1910



18.5331, 20.4378, 23.2180



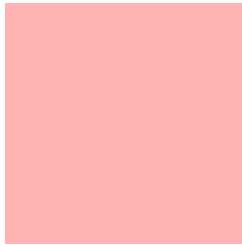
27.5690, 40.0476, 55.7115



2.6907, 3.9120, 5.4266

Previews

White Background



This preview shows how the XYZ color 65.6979, 57.1572, 50.2176 looks on a white background.

Color Contrast Check

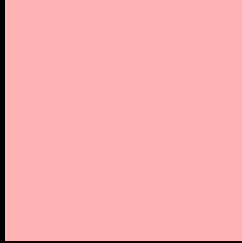
Large Text (above 18pt) WCAG AA × Fail

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 65.6979, 57.1572, 50.2176 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 65.6979, 57.1572, 50.2176

Background



This preview shows how black text looks on a background with the XYZ color 65.6979, 57.1572, 50.2176.



This preview shows how white text looks on a background with the XYZ color 65.6979, 57.1572,

50.2176.

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

65.6979, 57.1572, 50.2176

Protanopia

55.0623, 57.6428, 56.3682

Deuteranopia

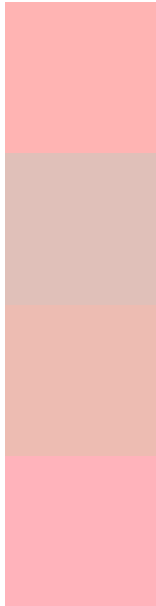
58.4640, 57.2045, 49.5552



Tritanopia

66.8745, 57.3060, 57.4057

Trichromacy



Original Color

65.6979, 57.1572, 50.2176

Protanomaly

58.3471, 57.0493, 53.8353

Deuteranomaly

60.9442, 57.1853, 49.9452

Tritanomaly

66.3297, 57.0881, 54.5368

Monochromacy



Original Color

65.6979, 57.1572, 50.2176

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

58.8482, 57.8508, 59.1036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6979, 57.1572, 50.2176 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, 180, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 179)  
}
```

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, 180, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 179) }
```

Border

The CSS property to change the border of an element to XYZ 65.6979, 57.1572, 50.2176 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, 180, 179) }
```


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

```
.border{ border-color:rgb(255, 180, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 180, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6979, 57.1572, 50.2176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 179) }
```

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

```
.background{ background-color: rgb(255,  
180, 179) }
```

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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