

Converting Colors

XYZ(66.6050, 57.1995, 55.9822)

Have a look what the booklet for
XYZ(66.6050, 57.1995, 55.9822)
contains.

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Color

**XYZ(66.6544, 57.2179,
56.2463)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3BE
RGB	255, 179, 190
RGB Percent	100%, 70%, 75%
CMY	0.0000, 0.2980, 0.2549
CMYK	0.00, 0.30, 0.25, 0.00
HSL	351°, 100%, 85%
HSV	351°, 30%, 100%
XYZ	66.6544, 57.2179, 56.2463
YIQ	202.9780, 41.7650, 19.5330

Conversions

Conversions Part 2

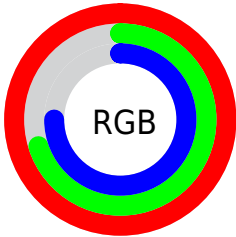
Format	Color
R_{YB}	255, 179, 190
Decimal	16757694
CIE _{Lab}	80.30, 29.13, 5.56
CIE _{LCh}	80, 29.654, 10.812
Yxy	57.2179, 0.3701, 0.3177
Android (android.graphics.Color)	4294947774 (0xFFFFB3BE)
YUV	202.9780, -6.3982, 45.6233
Hunter-Lab	75.6425, 24.9156, 8.8629

Details

The XYZ color **66.6544, 57.2179, 56.2463** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.6818, 87.6364, 98.7822**, and the grayscale version is **56.7727, 59.7293, 65.0452**.

A 20% lighter version of the original color is **87.5829, 87.3305, 99.4291**, and **35.0022, 28.5982, 27.3421** is the 20% darker color. If you saturate the color by 10%, you get **59.7999, 47.0428, 43.0674**, and if you desaturate by 10%, it is **74.8133, 69.4308, 71.6214**.

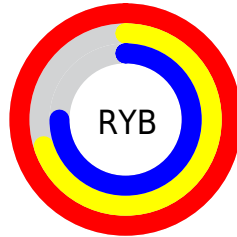
Distribution



Red (100%)

Green (70%)

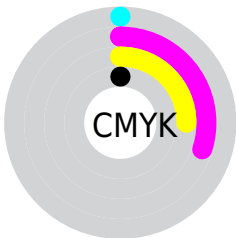
Blue (75%)



Red (100%)

Yellow (70%)

Blue (75%)

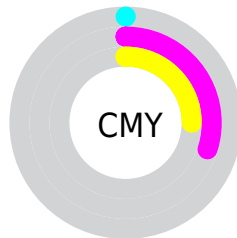


Cyan (0%)

Magenta (30%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.6544, 57.2179, 56.2463 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 66.6544, 57.2179, 56.2463 by changing the saturation by 10% instead.

66.6544, 57.2179,
56.2463

66.6544, 57.2179,
56.2463

438.1654,
414.2653, 428.0334

49.0735, 41.1802,
39.9951

113.4776,
100.7831, 100.8540

34.8926, 28.4599,
27.2210

143.4506,
129.0793, 130.0476

23.7462, 18.6726,
17.5053

178.2850,
162.2306, 164.3924

15.2692, 11.4340,
10.4297

218.3461,
200.6212, 204.3069

9.0961, 6.3595,
5.5755

263.9994,
244.6356, 250.2097

4.8615, 3.0649,
2.5241

315.6101,

2.2002, 1.1657,

294.6581, 302.5194

0.8529

373.5437,
351.0732, 361.6545

■ 0.7428, 0.0334,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.6544, 57.2179,
56.2463

■ 66.6544, 57.2179,
56.2463

■ 59.7999, 47.0428,
43.0674

■ 74.8133, 69.4308,
71.6214

■ 54.1779, 38.7872,
31.9806

■ 84.3357, 83.7760,
89.2832

■ 49.7155, 32.3323,
22.8786

95.0500, 100.0000,
108.9000

■ 46.3304, 27.5431,
15.6431

■ 43.9293, 24.2654,
10.1428

■ 42.4025, 22.3163,
6.2290

■ 41.5846, 21.4066,
3.7175

■ 41.5723, 21.3929,
3.6797

Harmonies

Analogous

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



66.1511, 57.2179, 73.9280



66.6544, 57.2179, 56.2463



63.6908, 57.2179, 42.9316

Triad

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



66.6544, 57.2179, 56.2463



47.1164, 57.2179, 40.2979



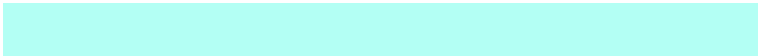
50.6424, 57.2179, 99.4426

Complementary

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



66.6544, 57.2179, 56.2463



70.6818, 87.6364, 98.7822

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.



46.0309, 57.2179, 86.7627



66.6544, 57.2179, 56.2463



44.1021, 57.2179, 51.9611

Square

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



66.6544, 57.2179, 56.2463



52.2267, 57.2179, 34.9287



43.7201, 57.2179, 68.7744



56.5997, 57.2179, 101.1759

Rectangle

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



66.6544, 57.2179, 56.2463



60.2682, 57.2179, 37.4666



43.7201, 57.2179, 68.7744



48.8956, 57.2179, 96.2219

Sweetspot

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



66.6558, 57.2205, 56.2474



85.1597, 85.0210, 90.8005



71.3413, 58.6245, 102.1633



17.9089, 17.7165, 18.8479



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.



66.6558, 57.2205, 56.2474



62.2570, 50.6792, 47.8255



71.3534, 68.4672, 52.1059



18.1164, 18.0299, 19.2302



21.7545, 11.1911, 2.0916



2.1487, 1.1018, 0.3643

Inverse Universe

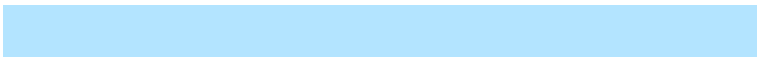
The Inverse Universe completely reimagines the original color for something new.



66.6558, 57.2205, 56.2474



62.2570, 50.6792, 47.8255



64.4960, 72.5128, 105.2048



18.1164, 18.0299, 19.2302



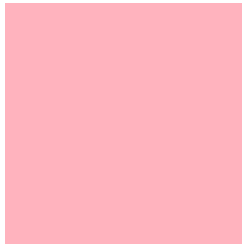
21.7545, 11.1911, 2.0916



2.1487, 1.1018, 0.3643

Previews

White Background



This preview shows how the XYZ color 66.6544, 57.2179, 56.2463 looks on a white background.

Color Contrast Check

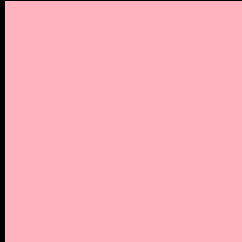
Large Text (above 18pt) WCAG AA × Fail

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 66.6544, 57.2179, 56.2463 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 66.6544, 57.2179, 56.2463

Background



This preview shows how black text looks on a background with the XYZ color 66.6544, 57.2179, 56.2463.



This preview shows how white text looks on a background with the XYZ color 66.6544, 57.2179, 56.2463.

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

66.6544, 57.2179, 56.2463

Protanopia

55.5946, 57.7604, 63.4771

Deuteranopia

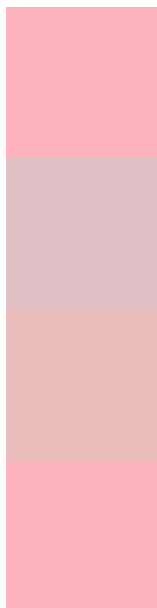
58.4710, 57.4158, 55.0143



Tritanopia

66.8745, 57.3060, 57.4057

Trichromacy



Original Color

66.6544, 57.2179, 56.2463

Protanomaly

59.0519, 57.2601, 60.7633

Deuteranomaly

61.3213, 57.2594, 55.3972

Tritanomaly

66.7641, 57.2618, 56.8240

Monochromacy



Original Color

66.6544, 57.2179, 56.2463

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

59.6090, 58.1904, 61.5162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6544, 57.2179, 56.2463 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, 179, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 190)  
}
```

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, 179, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 190) }
```

Border

The CSS property to change the border of an element to XYZ 66.6544, 57.2179, 56.2463 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, 179, 190) }
```


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

```
.border{ border-color:rgb(255, 179, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6544, 57.2179, 56.2463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 190) }
```

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

```
.background{ background-color: rgb(255,  
179, 190) }
```

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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