

Converting Colors

XYZ(66.2393, 56.9685, 54.3179)

Have a look what the booklet for
XYZ(66.2393, 56.9685, 54.3179)
contains.

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Color

**XYZ(66.3297, 57.0881,
54.5368)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3BB
RGB	255, 179, 187
RGB Percent	100%, 70%, 73%
CMY	0.0000, 0.2980, 0.2667
CMYK	0.00, 0.30, 0.27, 0.00
HSL	354°, 100%, 85%
HSV	354°, 30%, 100%
XYZ	66.3297, 57.0881, 54.5368
YIQ	202.6360, 42.7280, 18.6000

Conversions

Conversions Part 2

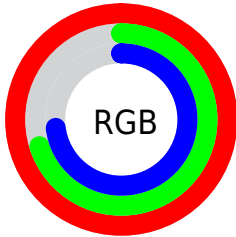
Format	Color
R _Y B	255, 179, 187
Decimal	16757691
CIE Lab	80.23, 28.72, 7.08
CIE LCh	80, 29.579, 13.848
Yxy	57.0881, 0.3727, 0.3208
Android (android.graphics.Color)	4294947771 (0xFFFFB3BB)
YUV	202.6360, -7.7085, 45.9232
Hunter-Lab	75.5567, 24.4774, 10.0941

Details

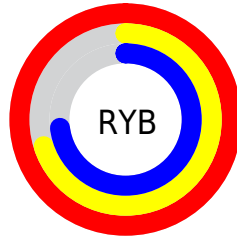
The XYZ color **66.3297, 57.0881, 54.5368** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.1413, 87.8202, 101.2016**, and the grayscale version is **56.5659, 59.5117, 64.8083**.

A 20% lighter version of the original color is **87.1260, 87.1477, 97.0232**, and **34.7899, 28.5133, 26.2242** is the 20% darker color. If you saturate the color by 10%, you get **59.4318, 46.8956, 41.1284**, and if you desaturate by 10%, it is **74.5637, 69.3311, 70.3066**.

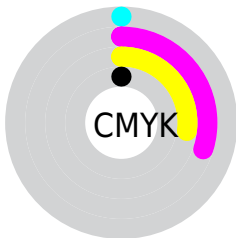
Distribution



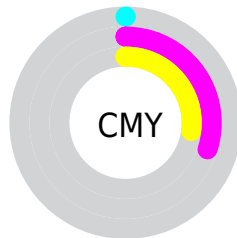
- Red (100%)
- Green (70%)
- Blue (73%)



- Red (100%)
- Yellow (70%)
- Blue (73%)



- Cyan (0%)
- Magenta (30%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.3297, 57.0881, 54.5368 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 66.3297, 57.0881, 54.5368 by changing the saturation by 10% instead.


 66.3297, 57.0881,
54.5368

 66.3297, 57.0881,
54.5368


437.0252,
413.7793, 421.3861

 48.8088, 41.0760,
38.6349


 113.0145,
100.5937, 98.3263

 34.6817, 28.3785,
26.1702


142.9091,
128.8560, 127.0510

 23.5832, 18.6111,
16.7241

177.6590,
161.9705, 160.8870

 15.1478, 11.3896,
9.8781

217.6296,
200.3215, 200.2529

 9.0101, 6.3296,
5.2137

263.1861,
244.2935, 245.5672

 4.8050, 3.0465,
2.3122


314.6940,

 2.1669, 1.1561,


294.2709, 297.2485


0.7381


372.5185,
350.6381, 355.7152

 0.7252, 0.0254,
0.0000


 0.0000, 0.0000,
0.0000


 66.3297, 57.0881,
54.5368


 66.3297, 57.0881,
54.5368

 59.4318, 46.8956,
41.1284


 74.5637, 69.3311,
70.3066

 53.7951, 38.6341,
29.9643

 84.1947, 83.7197,
88.5404

 49.3441, 32.1837,
20.9225

95.0500, 100.0000,
108.9000

 45.9933, 27.4083,
13.8679

■ 43.6458, 24.1521,
8.6499

■ 42.1874, 22.2302,
5.0959

■ 41.4466, 21.3514,
2.9907

■ 41.4358, 21.3383,
2.9612

Harmonies

Analogous

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



66.1917, 57.0881, 71.8737



66.3297, 57.0881, 54.5368



63.0700, 57.0881, 41.8560

Triad

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



66.3297, 57.0881, 54.5368



46.6097, 57.0881, 41.1341



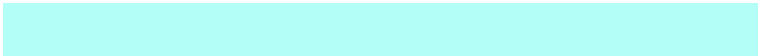
51.0949, 57.0881, 99.8723

Complementary

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



66.3297, 57.0881, 54.5368



71.1413, 87.8202, 101.2016

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.



46.3121, 57.0881, 88.1511



66.3297, 57.0881, 54.5368



43.8568, 57.0881, 53.3621

Square

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



66.3297, 57.0881, 54.5368



51.5293, 57.0881, 35.1455



43.7521, 57.0881, 70.4607



57.0866, 57.0881, 100.3477

Rectangle

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



66.3297, 57.0881, 54.5368



59.5394, 57.0881, 36.8383



43.7521, 57.0881, 70.4607



49.3033, 57.0881, 97.0311

Sweetspot

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



66.3312, 57.0908, 54.5379



85.0288, 84.9686, 90.1112



72.2245, 59.0799, 102.2047



17.8770, 17.7037, 18.6796



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.



66.3312, 57.0908, 54.5379



61.9018, 50.5371, 45.9549



71.9667, 69.6937, 52.3105



18.0870, 18.0181, 19.0754



21.6761, 11.1597, 1.6790



2.1349, 1.0963, 0.2917

Inverse Universe

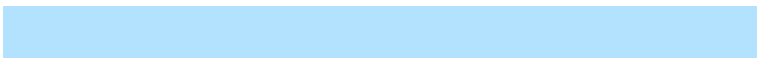
The Inverse Universe completely reimagines the original color for something new.



66.3312, 57.0908, 54.5379



61.9018, 50.5371, 45.9549



63.8027, 71.1261, 104.9737



18.0870, 18.0181, 19.0754



21.6761, 11.1597, 1.6790



2.1349, 1.0963, 0.2917

Previews

White Background



This preview shows how the XYZ color 66.3297, 57.0881, 54.5368 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 66.3297, 57.0881, 54.5368 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 66.3297, 57.0881, 54.5368

Background



This preview shows how black text looks on a background with the XYZ color 66.3297, 57.0881, 54.5368.



This preview shows how white text looks on a background with the XYZ color 66.3297, 57.0881,

54.5368.

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

66.3297, 57.0881, 54.5368

Protanopia

55.0157, 57.1619, 61.5598

Deuteranopia

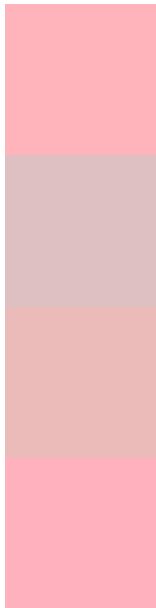
58.3471, 57.0493, 53.8353



Tritanopia

66.6748, 56.9066, 57.3391

Trichromacy



Original Color

66.3297, 57.0881, 54.5368

Protanomaly

58.4926, 56.6862, 58.8976

Deuteranomaly

60.8942, 56.7480, 54.1984

Tritanomaly

66.4547, 56.8185, 56.1797

Monochromacy



Original Color

66.3297, 57.0881, 54.5368

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

59.4940, 58.1444, 60.9106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3297, 57.0881, 54.5368 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 187) }
```

Border

The CSS property to change the border of an element to XYZ 66.3297, 57.0881, 54.5368 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, 187) }
```


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

```
.border{ border-color:rgb(255, 179, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3297, 57.0881, 54.5368 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, 187) }
```

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

```
.background{ background-color: rgb(255,  
179, 187) }
```

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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