

Converting Colors

XYZ(106.6345, 78.4144,
56.9393)

Have a look what the booklet for
XYZ(106.6345, 78.4144, 56.9393)
contains.

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Color

**XYZ(66.8410, 57.9386,
55.2373)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5BC
RGB	255, 181, 188
RGB Percent	100%, 71%, 74%
CMY	0.0000, 0.2902, 0.2627
CMYK	0.00, 0.29, 0.26, 0.00
HSL	354°, 100%, 85%
HSV	354°, 29%, 100%
XYZ	66.8410, 57.9386, 55.2373
YIQ	203.9240, 41.8570, 17.8650

Conversions

Conversions Part 2

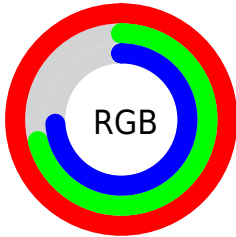
Format	Color
R _Y B	255, 181, 188
Decimal	16758204
CIE Lab	80.70, 27.81, 7.22
CIE LCh	81, 28.729, 14.560
Yxy	57.9386, 0.3713, 0.3219
Android (android.graphics.Color)	4294948284 (0xFFFFB5BC)
YUV	203.9240, -7.8505, 44.7937
Hunter-Lab	76.1174, 23.5408, 10.2563

Details

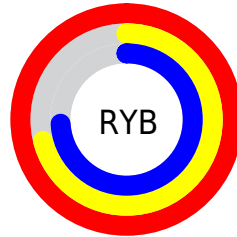
The XYZ color **66.8410, 57.9386, 55.2373** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.7616, 88.1222, 102.0381**, and the grayscale version is **57.3773, 60.3654, 65.7379**.

A 20% lighter version of the original color is **87.8533, 88.3600, 98.0128**, and **35.1183, 29.0579, 26.6795** is the 20% darker color. If you saturate the color by 10%, you get **59.8293, 47.5850, 41.5867**, and if you desaturate by 10%, it is **75.2027, 70.3545, 71.3038**.

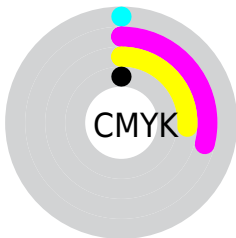
Distribution



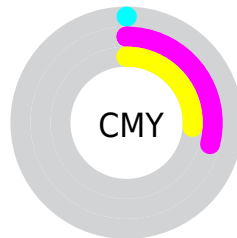
- Red (100%)
- Green (71%)
- Blue (74%)



- Red (100%)
- Yellow (71%)
- Blue (74%)



- Cyan (0%)
- Magenta (29%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.8410, 57.9386, 55.2373 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 66.8410, 57.9386, 55.2373 by changing the saturation by 10% instead.


 66.8410, 57.9386,
55.2373

 66.8410, 57.9386,
55.2373


438.8200,
416.9571, 424.1181

 49.2256, 41.7593,
39.1919


 113.7436,
101.8334, 99.3632

 35.0138, 28.9129,
26.6000


143.7616,
130.3178, 128.2807

 23.8401, 19.0149,
17.0433


178.6444,
163.6725, 162.3260

 15.3391, 11.6810,
10.1031

218.7576,
202.2822, 201.9176

 9.1456, 6.5269,
5.3609

264.4664,
246.5310, 247.4741

 4.8941, 3.1680,
2.3981

316.1361,

 2.2194, 1.2201,

296.8036, 299.4140

0.7854

374.1322,
353.4841, 358.1558

■ 0.7529, 0.0780,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.8410, 57.9386,
55.2373

■ 66.8410, 57.9386,
55.2373

■ 59.8293, 47.5850,
41.5867

■ 75.2027, 70.3545,
71.3038

■ 54.0926, 39.1746,
30.2318

■ 84.9756, 84.9277,
89.8916

■ 49.5552, 32.5884,
21.0472

95.0500, 100.0000,
108.9000

■ 46.1314, 27.6909,
13.8940

■ 43.7242, 24.3278,
8.6173

■ 42.2196, 22.3165,
5.0397

■ 41.4579, 21.3907,
2.9432

■ 41.4060, 21.3264,
2.8040

Harmonies

Analogous

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



66.7895, 57.9386, 72.1710



66.8410, 57.9386, 55.2373



63.5867, 57.9386, 42.8593

Triad

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



66.8410, 57.9386, 55.2373



47.4597, 57.9386, 42.5864



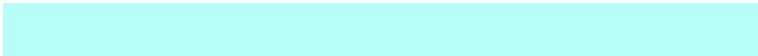
52.0929, 57.9386, 100.0274

Complementary

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



66.8410, 57.9386, 55.2373



71.7616, 88.1222, 102.0381

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.



47.3479, 57.9386, 88.8437



66.8410, 57.9386, 55.2373



44.8065, 57.9386, 54.7960

Square

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



66.8410, 57.9386, 55.2373



52.2557, 57.9386, 36.4941



44.7671, 57.9386, 71.6435



57.9813, 57.9386, 100.2037

Rectangle

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



66.8410, 57.9386, 55.2373



60.1062, 57.9386, 37.9820



44.7671, 57.9386, 71.6435



50.3212, 57.9386, 97.3524

Sweetspot

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



66.8424, 57.9412, 55.2385



84.9935, 84.9545, 89.9256



73.1451, 60.1539, 102.3634



17.8684, 17.7003, 18.6344



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.



66.8424, 57.9412, 55.2385



62.4891, 51.5049, 46.7880



72.7771, 70.9884, 53.5859



18.0791, 18.0150, 19.0337



21.6586, 11.1527, 1.5868



2.1311, 1.0948, 0.2721

Inverse Universe

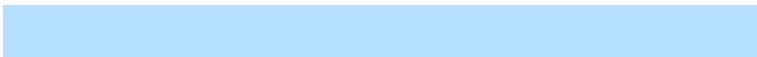
The Inverse Universe completely reimagines the original color for something new.



66.8424, 57.9412, 55.2385



62.4891, 51.5049, 46.7880



64.1417, 71.1129, 104.9533



18.0791, 18.0150, 19.0337



21.6586, 11.1527, 1.5868



2.1311, 1.0948, 0.2721

Previews

White Background



This preview shows how the XYZ color 66.8410, 57.9386, 55.2373 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 66.8410, 57.9386, 55.2373 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 66.8410, 57.9386, 55.2373

Background



This preview shows how black text looks on a background with the XYZ color 66.8410, 57.9386, 55.2373.



This preview shows how white text looks on a background with the XYZ color 66.8410, 57.9386,

55.2373.

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

66.8410, 57.9386, 55.2373

Protanopia

56.0242, 58.3649, 61.7388

Deuteranopia

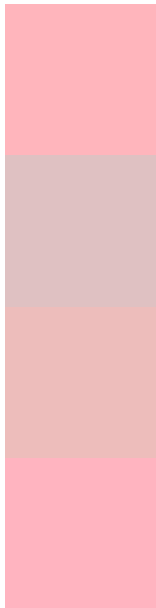
59.5187, 58.2975, 54.5699



Tritanopia

67.2989, 57.7976, 58.6479

Trichromacy



Original Color

66.8410, 57.9386, 55.2373

Protanomaly

59.2390, 57.7229, 59.0583

Deuteranomaly

62.0923, 57.9876, 54.9338

Tritanomaly

67.0757, 57.7083, 57.4727

Monochromacy



Original Color

66.8410, 57.9386, 55.2373

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

60.3644, 59.2450, 61.6800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8410, 57.9386, 55.2373 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, 181, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 188)  
}
```

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, 181, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 188) }
```

Border

The CSS property to change the border of an element to XYZ 66.8410, 57.9386, 55.2373 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, 181, 188) }
```


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

```
.border{ border-color:rgb(255, 181, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 181, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 181, 188); box-shadow:4px 4px 4px 4px rgb(255, 181, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8410, 57.9386, 55.2373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 188) }
```

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

```
.background{ background-color: rgb(255,  
181, 188) }
```

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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