

Converting Colors

XYZ(66.3793, 57.7702, 52.7562)

Have a look what the booklet for
XYZ(66.3793, 57.7702, 52.7562)
contains.

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Color

**XYZ(66.4156, 57.7684,
52.9973)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5B8
RGB	255, 181, 184
RGB Percent	100%, 71%, 72%
CMY	0.0000, 0.2902, 0.2784
CMYK	0.00, 0.29, 0.28, 0.00
HSL	358°, 100%, 85%
HSV	358°, 29%, 100%
XYZ	66.4156, 57.7684, 52.9973
YIQ	203.4680, 43.1410, 16.6210

Conversions

Conversions Part 2

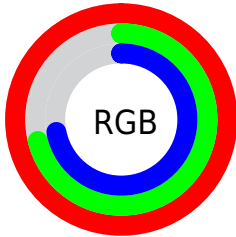
Format	Color
R _Y B	255, 181, 184
Decimal	16758200
CIE Lab	80.61, 27.27, 9.24
CIE LCh	81, 28.794, 18.728
Yxy	57.7684, 0.3748, 0.3260
Android (android.graphics.Color)	4294948280 (0xFFFFB5B8)
YUV	203.4680, -9.5977, 45.1936
Hunter-Lab	76.0055, 22.9683, 11.8620

Details

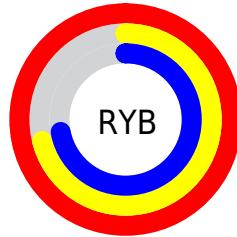
The XYZ color **66.4156, 57.7684, 52.9973** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.3890, 88.3731, 105.3421**, and the grayscale version is **57.0997, 60.0734, 65.4199**.

A 20% lighter version of the original color is **87.2524, 88.1196, 94.8482**, and **34.8419, 28.9474, 25.2238** is the 20% darker color. If you saturate the color by 10%, you get **59.3502, 47.3933, 39.0638**, and if you desaturate by 10%, it is **74.8764, 70.2240, 69.5857**.

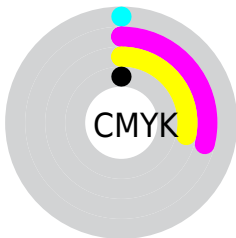
Distribution



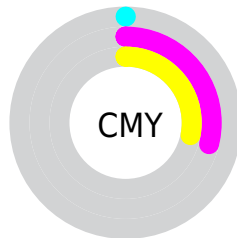
- Red (100%)
- Green (71%)
- Blue (72%)



- Red (100%)
- Yellow (71%)
- Blue (72%)



- Cyan (0%)
- Magenta (29%)
- Yellow (28%)
- Black (0%)




- Cyan (0%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.4156, 57.7684, 52.9973 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 66.4156, 57.7684, 52.9973 by changing the saturation by 10% instead.


 66.4156, 57.7684,
52.9973

 66.4156, 57.7684,
52.9973

437.3270,
416.3224, 415.3408

 48.8788, 41.6225,
37.4129


 113.1371,
101.5855, 96.0419

 34.7375, 28.8058,
25.2291


143.0524,
130.0255, 124.3392

 23.6263, 18.9340,
16.0272


177.8247,
163.3323, 157.7112

 15.1799, 11.6226,
9.3889

217.8192,
201.8903, 196.5764

 9.0329, 6.4872,
4.8954

263.4013,
246.0840, 241.3535

 4.8199, 3.1435,
2.1284


314.9365,

 2.1756, 1.2071,

296.2976, 292.4609


0.6326


372.7899,
352.9156, 350.3171


 0.7299, 0.0675,
0.0000

 0.0000, 0.0000,
0.0000


 66.4156, 57.7684,
52.9973


 66.4156, 57.7684,
52.9973

 59.3502, 47.3933,
39.0638


 74.8764, 70.2240,
69.5857

 53.6013, 38.9781,
27.6443

 84.7974, 84.8564,
88.9532

 49.0886, 32.4017,
18.5899

95.0500, 100.0000,
108.9000

 45.7214, 27.5269,
11.7350

■ 43.3966, 24.1967,
6.8921

■ 41.9924, 22.2256,
3.8430

■ 41.3381, 21.3428,
2.3124

■ 41.2965, 21.2826,
2.2278

Harmonies

Analogous

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



66.8517, 57.7684, 69.4939



66.4156, 57.7684, 52.9973



62.7681, 57.7684, 41.4310

Triad

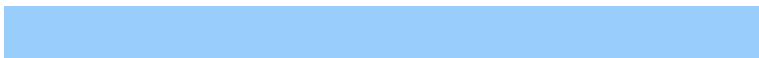
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.4156, 57.7684, 52.9973



46.7839, 57.7684, 43.7433



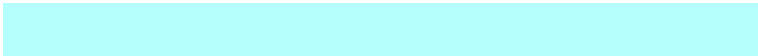
52.7107, 57.7684, 100.6198

Complementary

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



66.4156, 57.7684, 52.9973



72.3890, 88.3731, 105.3421

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.



47.7315, 57.7684, 90.7393



66.4156, 57.7684, 52.9973



44.4774, 57.7684, 56.7369

Square

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



66.4156, 57.7684, 52.9973



51.3308, 57.7684, 36.7891



44.8114, 57.7684, 73.9652



58.6459, 57.7684, 99.1256

Rectangle

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



66.4156, 57.7684, 52.9973



59.1438, 57.7684, 37.1367



44.8114, 57.7684, 73.9652



50.8777, 57.7684, 98.4563

Sweetspot

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



66.4170, 57.7710, 52.9985



84.8157, 84.8834, 88.9889



74.4671, 60.8354, 102.4253



17.8250, 17.6829, 18.4060



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.



66.4170, 57.7710, 52.9985



62.0263, 51.3198, 44.3513



73.7046, 72.8433, 53.8950



18.0392, 17.9990, 18.8234



21.5912, 11.1258, 1.2318



2.1123, 1.0873, 0.1726

Inverse Universe

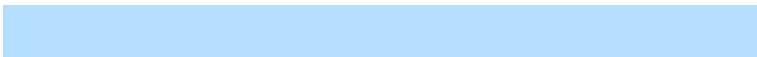
The Inverse Universe completely reimagines the original color for something new.



66.4170, 57.7710, 52.9985



62.0263, 51.3198, 44.3513



63.1499, 69.1293, 104.6227



18.0392, 17.9990, 18.8234



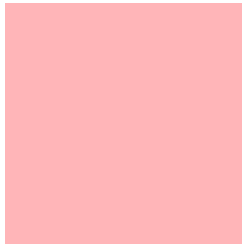
21.5912, 11.1258, 1.2318



2.1123, 1.0873, 0.1726

Previews

White Background



This preview shows how the XYZ color 66.4156, 57.7684, 52.9973 looks on a white background.

Color Contrast Check

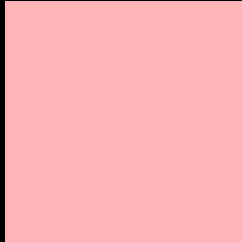
Large Text (above 18pt) WCAG AA × Fail

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 66.4156, 57.7684, 52.9973 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 66.4156, 57.7684, 52.9973

Background



This preview shows how black text looks on a background with the XYZ color 66.4156, 57.7684, 52.9973.



This preview shows how white text looks on a background with the XYZ color 66.4156, 57.7684,

52.9973.

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

66.4156, 57.7684, 52.9973

Protanopia

55.5687, 58.1827, 59.3405

Deuteranopia

59.1920, 57.8482, 52.3020



Tritanopia

67.1869, 57.7528, 58.0583

Trichromacy



Original Color

66.4156, 57.7684, 52.9973

Protanomaly

58.7957, 57.5456, 56.7237

Deuteranomaly

61.6699, 57.8186, 52.7095

Tritanomaly

66.8555, 57.6202, 56.3133

Monochromacy



Original Color

66.4156, 57.7684, 52.9973

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

59.6031, 58.5453, 60.3835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4156, 57.7684, 52.9973 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 184) }
```

Border

The CSS property to change the border of an element to XYZ 66.4156, 57.7684, 52.9973 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, 184) }
```


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

```
.border{ border-color:rgb(255, 181, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4156, 57.7684, 52.9973 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, 184) }
```

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

```
.background{ background-color: rgb(255,  
181, 184) }
```

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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