

Converting Colors

XYZ(66.3673, 58.3682, 55.6114)

Have a look what the booklet for
XYZ(66.3673, 58.3682, 55.6114)
contains.

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Color

**XYZ(66.1555, 58.1933,
55.3226)**

Conversions

Conversions Part 1

Format	Color
Hex	FCB7BC
RGB	252, 183, 188
RGB Percent	99%, 72%, 74%
CMY	0.0118, 0.2823, 0.2627
CMYK	0.00, 0.27, 0.25, 0.01
HSL	356°, 92%, 85%
HSV	356°, 27%, 99%
XYZ	66.1555, 58.1933, 55.3226
YIQ	204.2010, 39.5190, 16.1830

Conversions

Conversions Part 2

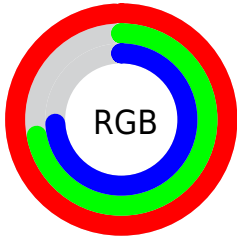
Format	Color
R _Y B	252, 183, 188
Decimal	16562108
CIE Lab	80.85, 25.67, 7.38
CIE LCh	81, 26.712, 16.048
Yxy	58.1933, 0.3682, 0.3239
Android (android.graphics.Color)	4294752188 (0xFFFCB7BC)
YUV	204.2010, -7.9871, 41.9197
Hunter-Lab	76.2845, 21.3009, 10.4012

Details

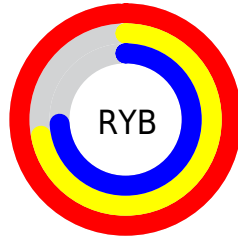
The XYZ color **66.1555, 58.1933, 55.3226** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.1298, 86.4049, 100.9290**, and the grayscale version is **57.5544, 60.5517, 65.9408**.

A 20% lighter version of the original color is **88.4356, 89.5247, 98.2069**, and **34.6039, 29.1839, 26.7309** is the 20% darker color. If you saturate the color by 10%, you get **59.0964, 47.7862, 41.5279**, and if you desaturate by 10%, it is **74.5565, 70.6301, 71.5795**.

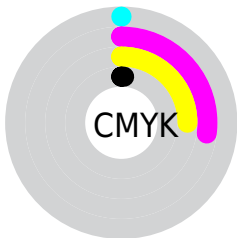
Distribution



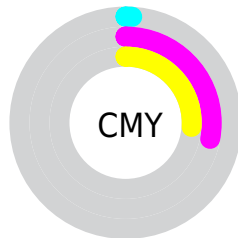
- Red (99%)
- Green (72%)
- Blue (74%)



- Red (99%)
- Yellow (72%)
- Blue (74%)



- Cyan (0%)
- Magenta (27%)
- Yellow (25%)
- Black (1%)





- Cyan (1%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.1555, 58.1933, 55.3226 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 66.1555, 58.1933, 55.3226 by changing the saturation by 10% instead.

 66.1555, 58.1933,
55.3226

 66.1555, 58.1933,
55.3226


436.4127,
417.9058, 424.4500

 48.6668, 41.9641,
39.2597


 112.7660,
102.2043, 99.4893

 34.5687, 29.0732,
26.6525


142.6185,
130.7548, 128.4303

 23.4958, 19.1362,
17.0822

177.3230,
164.1813, 162.5010

 15.0827, 11.7687,
10.1306

217.2448,
202.8680, 202.1200

 8.9642, 6.5864,
5.3789

262.7493,
247.1995, 247.7059

 4.7747, 3.2048,
2.4086

314.2019,

 2.1491, 1.2396,

297.5600, 299.6771

0.7911

371.9679,
354.3340, 358.4523

■ 0.7157, 0.0937,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.1555, 58.1933,
55.3226

■ 66.1555, 58.1933,
55.3226

■ 59.0964, 47.7862,
41.5279

■ 74.5565, 70.6301,
71.5795

■ 53.3051, 39.2935,
30.0719

■ 84.3588, 85.1876,
90.4066

■ 48.7077, 32.6008,
20.8258

■ 93.9550, 99.4355,
108.8488

■ 45.2207, 27.5784,
13.6471

■ 42.7498, 24.0789,
8.3765

■ 41.1847, 21.9295,
4.8312

■ 40.3855, 20.9064,
2.7914

■ 40.2562, 20.7400,
2.4643

Harmonies

Analogous

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



66.2688, 58.1933, 70.9809



66.1555, 58.1933, 55.3226



63.0126, 58.1933, 43.8951

Triad

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



66.1555, 58.1933, 55.3226



48.0137, 58.1933, 44.5137



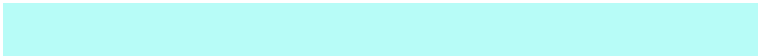
52.7902, 58.1933, 97.6933

Complementary

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



66.1555, 58.1933, 55.3226



71.1298, 86.4049, 100.9290

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.



48.2640, 58.1933, 87.8727



66.1555, 58.1933, 55.3226



45.6330, 58.1933, 56.3099

Square

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



66.1555, 58.1933, 55.3226



52.4274, 58.1933, 38.4013



45.7215, 58.1933, 72.1461



58.2984, 58.1933, 97.3096

Rectangle

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



66.1555, 58.1933, 55.3226



59.7345, 58.1933, 39.4372



45.7215, 58.1933, 72.1461



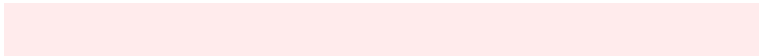
51.1114, 58.1933, 95.4137

Sweetspot

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



66.1571, 58.1960, 55.3238



85.9854, 86.5085, 91.5813



72.5997, 60.5361, 99.9541



18.0627, 18.0084, 18.9474



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.



66.1571, 58.1960, 55.3238



63.7046, 53.5012, 48.5339



72.1750, 71.0787, 54.7187



17.2956, 17.2456, 18.1463



20.9889, 10.8113, 1.3841



1.9611, 1.0082, 0.2185

Inverse Universe

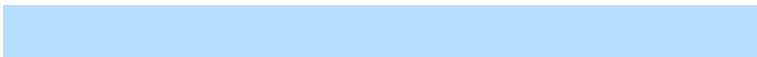
The Inverse Universe completely reimagines the original color for something new.



66.1571, 58.1960, 55.3238



63.7046, 53.5012, 48.5339



63.5560, 70.0070, 102.2588



17.2956, 17.2456, 18.1463



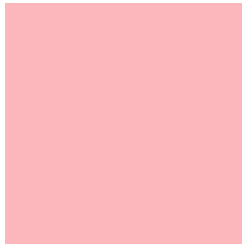
20.9889, 10.8113, 1.3841



1.9611, 1.0082, 0.2185

Previews

White Background



This preview shows how the XYZ color 66.1555, 58.1933, 55.3226 looks on a white background.

Color Contrast Check

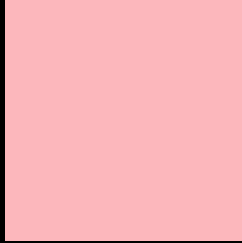
Large Text (above 18pt) WCAG AA × Fail

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 66.1555, 58.1933, 55.3226 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 66.1555, 58.1933, 55.3226

Background



This preview shows how black text looks on a background with the XYZ color 66.1555, 58.1933, 55.3226.



This preview shows how white text looks on a background with the XYZ color 66.1555, 58.1933,

55.3226.

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

66.1555, 58.1933, 55.3226

Protanopia

55.9092, 58.3189, 61.1333

Deuteranopia

59.5187, 58.2975, 54.5699



Tritanopia

67.1998, 58.3241, 59.9404

Trichromacy



Original Color

66.1555, 58.1933, 55.3226

Protanomaly

59.1536, 58.0082, 59.1179

Deuteranomaly

61.6440, 58.0769, 54.9747

Tritanomaly

66.8616, 58.1888, 58.1596

Monochromacy



Original Color

66.1555, 58.1933, 55.3226

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

59.7518, 58.9292, 61.6513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1555, 58.1933, 55.3226 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(252, 183, 188)` looks like.

```
.text, #text, p{  
    color:rgb(252, 183, 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(252, 183, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 183, 188) }
```

Border

The CSS property to change the border of an element to XYZ 66.1555, 58.1933, 55.3226 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(252, 183, 188) }
```


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

```
.border{ border-color:rgb(252, 183, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 183, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 183, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 183, 188);  
box-shadow:4px 4px 4px 4px rgb(252, 183,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1555, 58.1933, 55.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 183, 188) }
```

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

```
.background{ background-color: rgb(252,  
183, 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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