

Converting Colors

XYZ(77.0945, 61.4591, 58.6320)

Have a look what the booklet for
XYZ(77.0945, 61.4591, 58.6320)
contains.

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Color

**XYZ(66.3076, 55.8150,
58.3175)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAFC2
RGB	255, 175, 194
RGB Percent	100%, 69%, 76%
CMY	0.0000, 0.3137, 0.2392
CMYK	0.00, 0.31, 0.24, 0.00
HSL	346°, 100%, 84%
HSV	346°, 31%, 100%
XYZ	66.3076, 55.8150, 58.3175
YIQ	201.0860, 41.5810, 22.8690

Conversions

Conversions Part 2

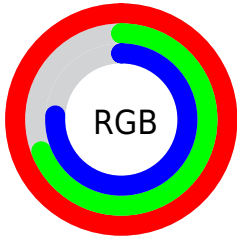
Format	Color
R _Y B	255, 175, 194
Decimal	16756674
CIE Lab	79.51, 31.78, 2.25
CIE LCh	80, 31.856, 4.047
Yxy	55.8150, 0.3675, 0.3093
Android (android.graphics.Color)	4294946754 (0xFFFFAFC2)
YUV	201.0860, -3.4934, 47.2826
Hunter-Lab	74.7094, 27.6843, 6.0154

Details

The XYZ color **66.3076, 55.8150, 58.3175** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.5817, 86.6911, 92.4793**, and the grayscale version is **55.5748, 58.4691, 63.6728**.

A 20% lighter version of the original color is **87.0712, 85.3140, 102.3206**, and **34.7932, 27.7125, 28.7145** is the 20% darker color. If you saturate the color by 10%, you get **59.7621, 45.9932, 46.0571**, and if you desaturate by 10%, it is **74.0787, 67.6303, 72.3976**.

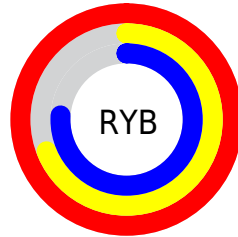
Distribution



Red (100%)

Green (69%)

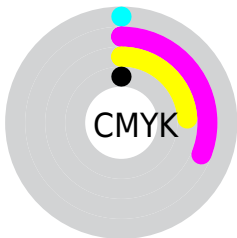
Blue (76%)



Red (100%)

Yellow (69%)

Blue (76%)

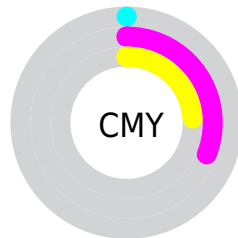


Cyan (0%)

Magenta (31%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.3076, 55.8150, 58.3175 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 66.3076, 55.8150, 58.3175 by changing the saturation by 10% instead.


 66.3076, 55.8150,
58.3175

 66.3076, 55.8150,
58.3175


436.9475,
408.9939, 435.9992

 48.7908, 40.0546,
41.6476


 112.9830, 98.7340,
103.9044

 34.6674, 27.5811,
28.5019


142.8723,
126.6615, 133.6585

 23.5721, 18.0101,
18.4620


177.6164,
159.4134, 168.6110

 15.1395, 10.9573,
11.1093

217.5808,
197.3742, 209.1805

 9.0043, 6.0381,
6.0253

263.1307,
240.9282, 255.7855

 4.8011, 2.8683,
2.7915


314.6316,


 2.1646, 1.0634,


290.4600, 308.8446


0.9892


372.4487,
346.3537, 368.7763


 0.7240, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 66.3076, 55.8150,
58.3175


 66.3076, 55.8150,
58.3175


 59.7621, 45.9932,
46.0571


 74.0787, 67.6303,
72.3976

 54.3742, 38.0472,
35.5374

 83.1305, 81.5331,
88.3652

 50.0755, 31.8585,
26.6785

 93.5196, 97.6208,
106.2885

 46.7882, 27.2920,
19.3925

95.0500, 100.0000,
108.9000

■ 44.4241, 24.1927,
13.5829

■ 42.8783, 22.3746,
9.1415

■ 42.0702, 21.5921,
6.3020

Harmonies

Analogous

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



64.9121, 55.8150, 77.5517



66.3076, 55.8150, 58.3175



63.9228, 55.8150, 43.0878

Triad

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



66.3076, 55.8150, 58.3175



46.4499, 55.8150, 35.9833



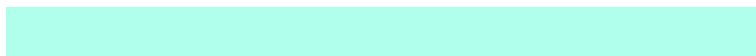
47.8414, 55.8150, 98.3223

Complementary

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



66.3076, 55.8150, 58.3175



68.5817, 86.6911, 92.4793

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.



43.4867, 55.8150, 82.7358



66.3076, 55.8150, 58.3175



42.7298, 55.8150, 46.6078

Square

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



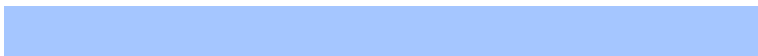
66.3076, 55.8150, 58.3175



52.1860, 55.8150, 31.9435



41.6898, 55.8150, 63.2966



53.9245, 55.8150, 103.1807

Rectangle

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



66.3076, 55.8150, 58.3175



60.6144, 55.8150, 36.4597



41.6898, 55.8150, 63.2966



46.1435, 55.8150, 94.0286

Sweetspot

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



66.3089, 55.8175, 58.3186



85.4699, 85.1450, 92.4339



67.6427, 55.5449, 101.7638



17.9848, 17.7468, 19.2472



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.



66.3089, 55.8175, 58.3186



61.8356, 49.0885, 49.9908



68.4947, 63.3878, 49.1857



18.1861, 18.0578, 19.5973



22.0304, 11.3015, 3.5448



2.1853, 1.1165, 0.5574

Inverse Universe

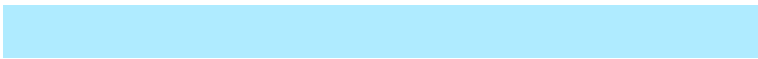
The Inverse Universe completely reimagines the original color for something new.



66.3089, 55.8175, 58.3186



61.8356, 49.0885, 49.9908



65.4394, 75.7523, 105.7804



18.1861, 18.0578, 19.5973



22.0304, 11.3015, 3.5448



2.1853, 1.1165, 0.5574

Previews

White Background



This preview shows how the XYZ color 66.3076, 55.8150, 58.3175 looks on a white background.

Color Contrast Check

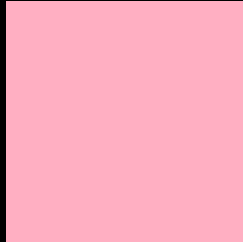
Large Text (above 18pt) WCAG AA × Fail

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 66.3076, 55.8150, 58.3175 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 66.3076, 55.8150, 58.3175

Background



This preview shows how black text looks on a background with the XYZ color 66.3076, 55.8150, 58.3175.



This preview shows how white text looks on a background with the XYZ color 66.3076, 55.8150,

58.3175.

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

66.3076, 55.8150, 58.3175

Protanopia

54.1692, 55.9419, 66.3354

Deuteranopia

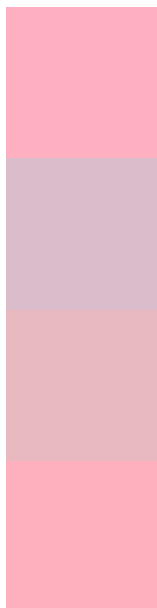
57.2482, 56.0833, 57.0981



Tritanopia

65.5837, 55.7956, 55.4571

Trichromacy



Original Color

66.3076, 55.8150, 58.3175

Protanomaly

57.8573, 55.2908, 63.4999

Deuteranomaly

60.1421, 55.6595, 57.4427

Tritanomaly

65.8024, 55.8831, 56.6086

Monochromacy



Original Color

66.3076, 55.8150, 58.3175

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

58.8615, 57.1486, 61.3545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3076, 55.8150, 58.3175 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, 175, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 194)  
}
```

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, 175, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 194) }
```

Border

The CSS property to change the border of an element to XYZ 66.3076, 55.8150, 58.3175 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, 175, 194) }
```


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

```
.border{ border-color:rgb(255, 175, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3076, 55.8150, 58.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 194) }
```

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

```
.background{ background-color: rgb(255,  
175, 194) }
```

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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