

Converting Colors

XYZ(66.0106, 56.1118, 64.9491)

Have a look what the booklet for
XYZ(66.0106, 56.1118, 64.9491)
contains.

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Color

**XYZ(66.1659, 56.1761,
65.1133)**

Conversions

Conversions Part 1

Format	Color
Hex	FAB1CD
RGB	250, 177, 205
RGB Percent	98%, 69%, 80%
CMY	0.0196, 0.3059, 0.1961
CMYK	0.00, 0.29, 0.18, 0.02
HSL	337°, 88%, 84%
HSV	337°, 29%, 98%
XYZ	66.1659, 56.1761, 65.1133
YIQ	202.0190, 34.5200, 24.1840

Conversions

Conversions Part 2

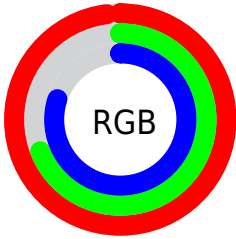
Format	Color
R_{YB}	250, 177, 205
Decimal	16429517
CIE _{Lab}	79.71, 30.57, -3.48
CIE _{LCh}	80, 30.771, 353.514
Yxy	56.1761, 0.3530, 0.2997
Android (android.graphics.Color)	4294619597 (0xFFFA _{B1CD})
YUV	202.0190, 1.4696, 42.0793
Hunter-Lab	74.9507, 26.4146, 0.9574

Details

The XYZ color **66.1659, 56.1761, 65.1133** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **65.5043, 82.9936, 81.6782**, and the grayscale version is **56.1283, 59.0514, 64.3070**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **34.5318, 27.8561, 32.8349** is the 20% darker color. If you saturate the color by 10%, you get **59.9032, 46.4824, 54.2948**, and if you desaturate by 10%, it is **73.5196, 67.7574, 77.2009**.

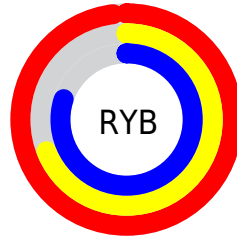
Distribution



Red (98%)

Green (69%)

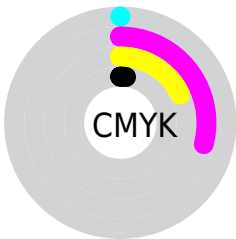
Blue (80%)



Red (98%)

Yellow (69%)

Blue (80%)

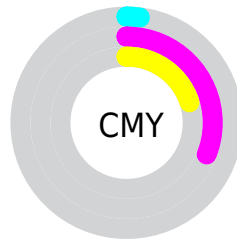


Cyan (0%)

Magenta (29%)

Yellow (18%)

Black (2%)



Cyan (2%)

Magenta (31%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1659, 56.1761, 65.1133 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 66.1659, 56.1761, 65.1133 by changing the saturation by 10% instead.

66.1659, 56.1761,
65.1133

66.1659, 56.1761,
65.1133

436.4493,
410.3548, 461.5164

48.6753, 40.3441,
47.1010

112.7808, 99.2620,
113.8276

34.5754, 27.8070,
32.7606

142.6358,
127.2847, 145.3666

23.5010, 18.1802,
21.6735

177.3430,
160.1398, 182.2517

15.0866, 11.0794,
13.4212

217.2678,
198.2117, 224.9014

8.9669, 6.1203,
7.5851

262.7754,
241.8848, 273.7341

4.7765, 2.9184,
3.7467


314.2313,

2.1502, 1.0893,


291.5434, 329.1685


1.4874


372.0008,
347.5719, 391.6231


 0.7163, 0.0000,
0.2085

 0.0000, 0.0000,
0.0000


 66.1659, 56.1761,
65.1133


 66.1659, 56.1761,
65.1133


 59.9032, 46.4824,
54.2948


 73.5196, 67.7574,
77.2009


 54.6720, 38.5673,
44.6976

 82.0103, 81.3117,
90.5961

 50.4141, 32.3231,
36.2759

 91.6870, 96.9290,
105.3397

 47.0636, 27.6266,
28.9790

 93.2345, 99.0641,
108.8150

■ 44.5452, 24.3376,
22.7515

■ 42.7708, 22.2899,
17.5322

■ 41.6094, 21.2329,
13.2432

■ 41.5304, 21.1664,
12.9341

Harmonies

Analogous

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



63.5868, 56.1761, 83.8512



66.1659, 56.1761, 65.1133



65.1152, 56.1761, 48.5054

Triad

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



66.1659, 56.1761, 65.1133



48.7675, 56.1761, 34.8502



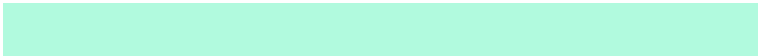
46.6000, 56.1761, 93.0062

Complementary

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



66.1659, 56.1761, 65.1133



65.5043, 82.9936, 81.6782

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.



43.1707, 56.1761, 75.8582



66.1659, 56.1761, 65.1133



44.3526, 56.1761, 42.9930

Square

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



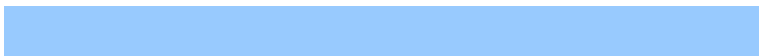
66.1659, 56.1761, 65.1133



54.7547, 56.1761, 33.0789



42.3809, 56.1761, 57.3820



52.0555, 56.1761, 101.8508

Rectangle

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



66.1659, 56.1761, 65.1133



62.5350, 56.1761, 40.5027



42.3809, 56.1761, 57.3820



45.1897, 56.1761, 87.8790

Sweetspot

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



66.1675, 56.1787, 65.1145



85.9657, 85.3434, 95.0451



62.7376, 53.6902, 97.4995



18.1063, 17.7954, 19.8873



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.



66.1675, 56.1787, 65.1145



65.2537, 52.6108, 61.3465



64.5650, 57.9068, 49.3724



17.5201, 17.3354, 19.3285



22.0937, 11.2532, 7.2020



2.0962, 1.0622, 0.9302

Inverse Universe

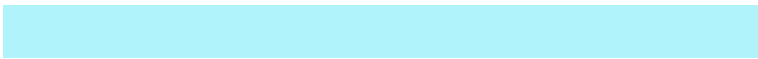
The Inverse Universe completely reimagines the original color for something new.



66.1675, 56.1787, 65.1145



65.2537, 52.6108, 61.3465



67.3495, 80.1725, 102.3681



17.5201, 17.3354, 19.3285



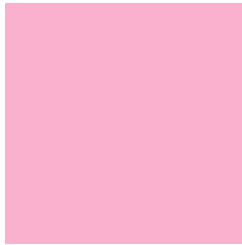
22.0937, 11.2532, 7.2020



2.0962, 1.0622, 0.9302

Previews

White Background



This preview shows how the XYZ color 66.1659, 56.1761, 65.1133 looks on a white background.

Color Contrast Check

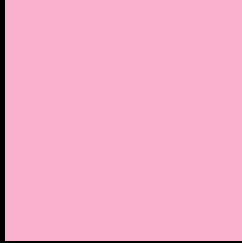
Large Text (above 18pt) WCAG AA × Fail

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 66.1659, 56.1761, 65.1133 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 66.1659, 56.1761, 65.1133

Background



This preview shows how black text looks on a background with the XYZ color 66.1659, 56.1761, 65.1133.



This preview shows how white text looks on a background with the XYZ color 66.1659, 56.1761,

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

66.1659, 56.1761, 65.1133

Protanopia

55.2556, 56.6780, 73.6733

Deuteranopia

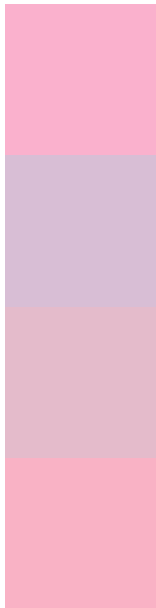
57.5346, 56.4106, 63.7331



Tritanopia

64.8127, 56.2302, 57.8896

Trichromacy



Original Color

66.1659, 56.1761, 65.1133

Protanomaly

58.7426, 56.2299, 70.7082

Deuteranomaly

60.5447, 56.3464, 64.1848

Tritanomaly

65.0654, 56.0117, 60.2054

Monochromacy



Original Color

66.1659, 56.1761, 65.1133

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

59.0629, 57.5118, 64.4878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1659, 56.1761, 65.1133 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(250, 177, 205)` looks like.

```
.text, #text, p{  
    color:rgb(250, 177, 205)  
}
```

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(250, 177, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 177, 205) }
```

Border

The CSS property to change the border of an element to XYZ 66.1659, 56.1761, 65.1133 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(250, 177, 205) }
```


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

```
.border{ border-color:rgb(250, 177, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 177, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 177, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 177, 205);  
box-shadow:4px 4px 4px 4px rgb(250, 177,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1659, 56.1761, 65.1133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 177, 205) }
```

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

```
.background{ background-color: rgb(250,  
177, 205) }
```

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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