

Converting Colors

XYZ(66.7748, 56.0169, 81.5298)

Have a look what the booklet for
XYZ(66.7748, 56.0169, 81.5298)
contains.

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Color

**XYZ(66.8271, 56.1561,
81.4458)**

Conversions

Conversions Part 1

Format	Color
Hex	F3B1E5
RGB	243, 177, 229
RGB Percent	95%, 69%, 90%
CMY	0.0471, 0.3059, 0.1020
CMYK	0.00, 0.27, 0.06, 0.05
HSL	313°, 73%, 82%
HSV	313°, 27%, 95%
XYZ	66.8271, 56.1561, 81.4458
YIQ	202.6620, 22.6440, 30.1640

Conversions

Conversions Part 2

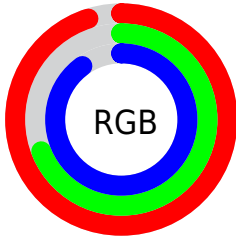
Format	Color
R_{YB}	243, 177, 229
Decimal	15970789
CIE _{Lab}	79.70, 32.09, -16.55
CIE _{LCh}	80, 36.109, 332.726
Yxy	56.1561, 0.3269, 0.2747
Android (android.graphics.Color)	4294160869 (0xFFFF3B1E5)
YUV	202.6620, 12.9846, 35.3764
Hunter-Lab	74.9374, 28.0410, -11.9833

Details

The XYZ color **66.8271, 56.1561, 81.4458** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **59.5883, 77.2115, 61.0561**, and the grayscale version is **56.4656, 59.4062, 64.6933**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **35.0002, 27.8715, 43.0702** is the 20% darker color. If you saturate the color by 10%, you get **61.7393, 47.1145, 76.2517**, and if you desaturate by 10%, it is **72.7942, 66.9204, 87.0397**.

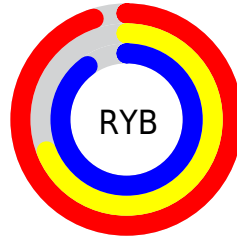
Distribution



Red (95%)

Green (69%)

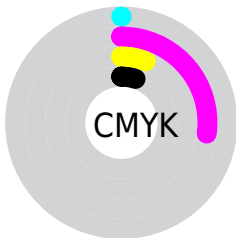
Blue (90%)



Red (95%)

Yellow (69%)

Blue (90%)

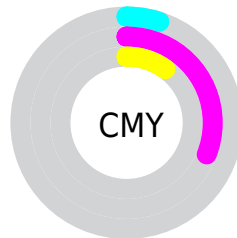


Cyan (0%)

Magenta (27%)

Yellow (6%)

Black (5%)



Cyan (5%)

Magenta (31%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.8271, 56.1561, 81.4458 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 66.8271, 56.1561, 81.4458 by changing the saturation by 10% instead.

66.8271, 56.1561,
81.4458

66.8271, 56.1561,
81.4458

438.7712,
410.2795, 519.6267

49.2143, 40.3281,
60.3757

113.7238, 99.2328,
137.2263

35.0048, 27.7944,
43.2942

143.7384,
127.2502, 172.7737

23.8331, 18.1708,
29.7829

178.6177,
160.0996, 213.9839

15.3339, 11.0727,
19.4232

218.7269,
198.1654, 261.2755

9.1419, 6.1157,
11.7966

264.4316,
241.8318, 315.0671

4.8917, 2.9156,
6.4845

316.0969,

2.2180, 1.0878,

291.4834, 375.7771

3.0683

374.0884,
347.5045, 443.8242

■ 0.7522, 0.0000,
1.1296

■ 0.0000, 0.0000,
0.0000

■ 66.8271, 56.1561,
81.4458

■ 66.8271, 56.1561,
81.4458

■ 61.7393, 47.1145,
76.2517

■ 72.7942, 66.9204,
87.0397

■ 57.4803, 39.6974,
71.4378

■ 79.6778, 79.4839,
93.0449

■ 54.0019, 33.8081,
66.9877

■ 87.5189, 93.9277,
99.4764

■ 51.2491, 29.3366,
62.8822

■ 89.9184, 97.4532,
104.2022

■ 49.1593, 26.1581,
59.0996

■ 90.7364, 97.7804,
108.5098

■ 47.6592, 24.1261,
55.6143

■ 90.7725, 97.7949,
108.6998

■ 46.6538, 23.0513,
52.3937

■ 46.4163, 22.8364,
51.5128

Harmonies

Analogous

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



61.3164, 56.1561, 101.5129



66.8271, 56.1561, 81.4458



68.6350, 56.1561, 59.2554

Triad

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



66.8271, 56.1561, 81.4458



52.7109, 56.1561, 29.1741



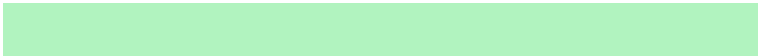
42.4302, 56.1561, 85.5143

Complementary

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



66.8271, 56.1561, 81.4458



59.5883, 77.2115, 61.0561

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.



40.5627, 56.1561, 63.0732



66.8271, 56.1561, 81.4458



46.1502, 56.1561, 33.2100

Square

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



66.8271, 56.1561, 81.4458



60.0588, 56.1561, 31.9554



41.8608, 56.1561, 44.5325



47.2059, 56.1561, 104.2129

Rectangle

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



66.8271, 56.1561, 81.4458



67.3747, 56.1561, 46.9110



41.8608, 56.1561, 44.5325



41.4622, 56.1561, 77.9999

Sweetspot

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



66.8288, 56.1586, 81.4470



88.1949, 87.3923, 103.2163



53.1875, 48.8912, 91.4286



18.6179, 18.2305, 21.8711



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.



66.8288, 56.1586, 81.4470



71.0824, 56.4523, 87.3847



62.7414, 54.5236, 59.9231



17.0543, 16.7046, 20.0323



25.5260, 12.5539, 28.5422



2.2802, 1.1181, 2.7020

Inverse Universe

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



66.8288, 56.1586, 81.4470



71.0824, 56.4523, 87.3847



63.5303, 78.7883, 81.8145



17.0543, 16.7046, 20.0323



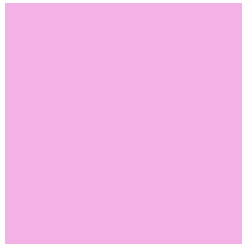
25.5260, 12.5539, 28.5422



2.2802, 1.1181, 2.7020

Previews

White Background



This preview shows how the XYZ color 66.8271, 56.1561, 81.4458 looks on a white background.

Color Contrast Check

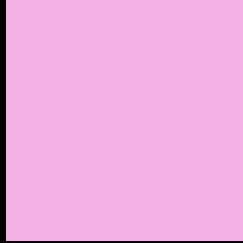
Large Text (above 18pt) WCAG AA × Fail

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 66.8271, 56.1561, 81.4458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

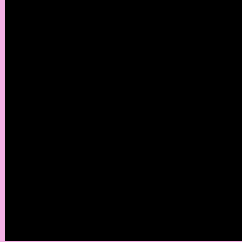
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.8271, 56.1561, 81.4458

Background



This preview shows how black text looks on a background with the XYZ color 66.8271, 56.1561, 81.4458.



This preview shows how white text looks on a background with the XYZ color 66.8271, 56.1561,

81.4458.

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

66.8271, 56.1561, 81.4458

Protanopia

56.5060, 56.5820, 91.9476

Deuteranopia

57.6993, 56.4683, 79.8099



Tritanopia

62.6081, 56.2489, 60.3806

Trichromacy



Original Color

66.8271, 56.1561, 81.4458



Protanomaly

59.4961, 55.9195, 87.7785



Deuteranomaly

60.5489, 55.9921, 80.2893



Tritanomaly

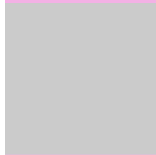
63.9677, 56.1765, 67.7933

Monochromacy



Original Color

66.8271, 56.1561, 81.4458



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

60.0889, 58.2425, 70.3622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8271, 56.1561, 81.4458 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(243, 177, 229)` looks like.

```
.text, #text, p{  
    color:rgb(243, 177, 229)  
}
```

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(243, 177, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 177, 229) }
```

Border

The CSS property to change the border of an element to XYZ 66.8271, 56.1561, 81.4458 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(243, 177, 229) }
```


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

```
.border{ border-color:rgb(243, 177, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 177, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 177, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 177, 229);  
box-shadow:4px 4px 4px 4px rgb(243, 177,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8271, 56.1561, 81.4458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 177, 229) }
```

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

```
.background{ background-color: rgb(243,  
177, 229) }
```

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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