

Converting Colors

XYZ(67.1914, 56.2620, 85.1602)

Have a look what the booklet for
XYZ(67.1914, 56.2620, 85.1602)
contains.

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Color

**XYZ(67.1914, 56.2620,
85.1602)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B1EA
RGB	242, 177, 234
RGB Percent	95%, 69%, 92%
CMY	0.0510, 0.3059, 0.0823
CMYK	0.00, 0.27, 0.03, 0.05
HSL	307°, 71%, 82%
HSV	307°, 27%, 95%
XYZ	67.1914, 56.2620, 85.1602
YIQ	202.9330, 20.4430, 31.5070

Conversions

Conversions Part 2

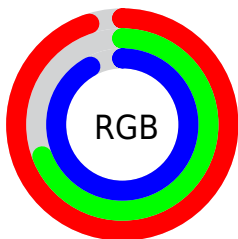
Format	Color
R _Y B	242, 177, 234
Decimal	15905258
CIE Lab	79.76, 32.64, -19.16
CIE LCh	80, 37.851, 329.585
Yxy	56.2620, 0.3221, 0.2697
Android (android.graphics.Color)	4294095338 (0xFFFF2B1EA)
YUV	202.9330, 15.3160, 34.2618
Hunter-Lab	75.0080, 28.6345, -14.8092

Details

The XYZ color **67.1914, 56.2620, 85.1602** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **58.6428, 76.3560, 57.5495**, and the grayscale version is **56.6221, 59.5709, 64.8727**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **35.2511, 27.9439, 45.6553** is the 20% darker color. If you saturate the color by 10%, you get **62.4048, 47.3670, 81.4714**, and if you desaturate by 10%, it is **72.8362, 66.8599, 89.1718**.

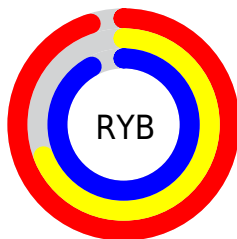
Distribution



Red (95%)

Green (69%)

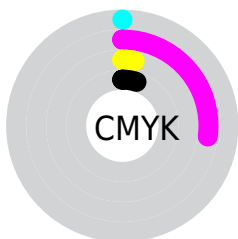
Blue (92%)



Red (95%)

Yellow (69%)

Blue (92%)

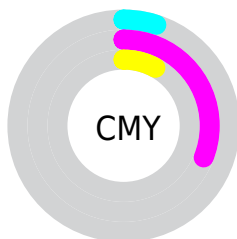


Cyan (0%)

Magenta (27%)

Yellow (3%)

Black (5%)



Cyan (5%)

Magenta (31%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.1914, 56.2620, 85.1602 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 67.1914, 56.2620, 85.1602 by changing the saturation by 10% instead.

67.1914, 56.2620,
85.1602

67.1914, 56.2620,
85.1602

440.0475,
410.6781, 532.3164

49.5115, 40.4130,
63.4228

114.2429, 99.3875,
142.4731

35.2416, 27.8607,
45.7402

144.3452,
127.4329, 178.8858

24.0164, 18.2207,
31.6937

179.3189,
160.3125, 221.0273

15.4706, 11.1086,
20.8647

219.5296,
198.4108, 269.3162

9.2388, 6.1399,
12.8349

265.3424,
242.1121, 324.1710

4.9556, 2.9303,
7.1856

317.1227,

2.2557, 1.0955,

291.8008, 386.0103

3.4982

375.2360,
347.8613, 455.2526

■ 0.7719, 0.0000,
1.3543

■ 0.0000, 0.0000,
0.1057

■ 67.1914, 56.2620,
85.1602

■ 67.1914, 56.2620,
85.1602

■ 62.4048, 47.3670,
81.4714

■ 72.8362, 66.8599,
89.1718

■ 58.4264, 40.0780,
78.0868

■ 79.3756, 79.2364,
93.5166

■ 55.2091, 34.2996,
74.9910

■ 86.8500, 93.4713,
98.2089

■ 52.6985, 29.9234,
72.1658

■ 89.0002, 97.0462,
101.1625

50.8332, 26.8264,
69.5905

89.4610, 97.2305,
103.5892

49.5410, 24.8645,
67.2408

89.9292, 97.4178,
106.0546

48.7302, 23.8543,
65.0861

90.4048, 97.6081,
108.5591

48.5291, 23.6418,
64.4340

90.4285, 97.6175,
108.6837

Harmonies

Analogous

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



61.0721, 56.2620, 105.6874



67.1914, 56.2620, 85.1602



69.5760, 56.2620, 61.5655

Triad

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



67.1914, 56.2620, 85.1602



53.5820, 56.2620, 28.0499



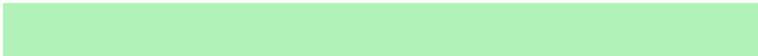
41.6754, 56.2620, 84.5034

Complementary

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



67.1914, 56.2620, 85.1602



58.6428, 76.3560, 57.5495

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.



40.0725, 56.2620, 60.9550



67.1914, 56.2620, 85.1602



46.5362, 56.2620, 31.4404

Square

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



67.1914, 56.2620, 85.1602



61.2740, 56.2620, 31.6365



41.7657, 56.2620, 42.3102



46.3682, 56.2620, 105.2489

Rectangle

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



67.1914, 56.2620, 85.1602



68.5670, 56.2620, 48.1948



41.7657, 56.2620, 42.3102



40.7785, 56.2620, 76.4952

Sweetspot

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



67.1931, 56.2645, 85.1614



88.4822, 87.5072, 104.7293



51.6588, 48.1204, 90.5711



18.6907, 18.2596, 22.2545



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.



67.1931, 56.2645, 85.1614



72.7351, 57.8906, 93.6912



62.9929, 54.5844, 63.0436



16.3656, 15.9960, 19.4815



26.1045, 12.7142, 34.7966



2.1950, 1.0670, 3.0176

Inverse Universe

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



67.1931, 56.2645, 85.1614



72.7351, 57.8906, 93.6912



62.4209, 77.8672, 77.4445



16.3656, 15.9960, 19.4815



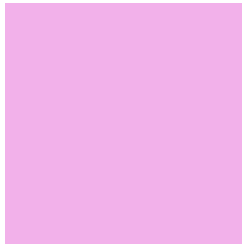
26.1045, 12.7142, 34.7966



2.1950, 1.0670, 3.0176

Previews

White Background



This preview shows how the XYZ color 67.1914, 56.2620, 85.1602 looks on a white background.

Color Contrast Check

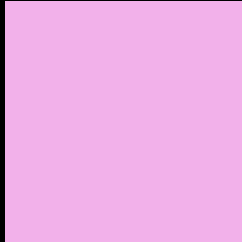
Large Text (above 18pt) WCAG AA × Fail

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 67.1914, 56.2620, 85.1602 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 67.1914, 56.2620, 85.1602

Background



This preview shows how black text looks on a background with the XYZ color 67.1914, 56.2620, 85.1602.



This preview shows how white text looks on a background with the XYZ color 67.1914, 56.2620,

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

67.1914, 56.2620, 85.1602

Protanopia

56.7781, 56.6344, 95.9347

Deuteranopia

57.5812, 56.3270, 83.4386



Tritanopia

62.2586, 56.3627, 61.0238

Trichromacy



Original Color

67.1914, 56.2620, 85.1602



Protanomaly

59.6782, 55.9278, 91.6542



Deuteranomaly

60.6547, 55.9658, 83.9496



Tritanomaly

63.8783, 56.1016, 69.0900

Monochromacy



Original Color

67.1914, 56.2620, 85.1602



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

60.0447, 58.1903, 71.6855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1914, 56.2620, 85.1602 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(242, 177, 234)` looks like.

```
.text, #text, p{  
    color:rgb(242, 177, 234)  
}
```

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(242, 177, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 177, 234) }
```

Border

The CSS property to change the border of an element to XYZ 67.1914, 56.2620, 85.1602 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(242, 177, 234) }
```


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

```
.border{ border-color:rgb(242, 177, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 177, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 177, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 177, 234);  
box-shadow:4px 4px 4px 4px rgb(242, 177,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1914, 56.2620, 85.1602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 177, 234) }
```

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

```
.background{ background-color: rgb(242,  
177, 234) }
```

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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