

Converting Colors

XYZ(67.1131, 56.9643, 82.0667)

Have a look what the booklet for
XYZ(67.1131, 56.9643, 82.0667)
contains.

XYZ(67.0210, 56.8306, 82.2999)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(67.0210, 56.8306,
82.2999)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B3E6
RGB	242, 179, 230
RGB Percent	95%, 70%, 90%
CMY	0.0510, 0.2980, 0.0980
CMYK	0.00, 0.26, 0.05, 0.05
HSL	311°, 71%, 83%
HSV	311°, 26%, 95%
XYZ	67.0210, 56.8306, 82.2999
YIQ	203.6510, 21.1770, 29.2170

Conversions

Conversions Part 2

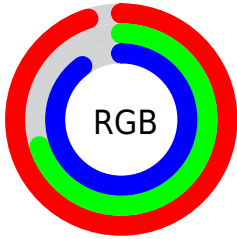
Format	Color
R _{YB}	242, 179, 230
Decimal	15905766
CIE _{Lab}	80.08, 30.88, -16.52
CIE _{LCh}	80, 35.021, 331.852
Yxy	56.8306, 0.3251, 0.2757
Android (android.graphics.Color)	4294095846 (0xFFFF2B3E6)
YUV	203.6510, 12.9901, 33.6321
Hunter-Lab	75.3861, 26.7675, -11.9574

Details

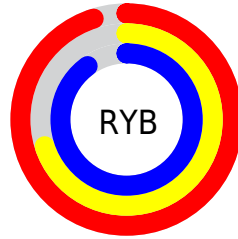
The XYZ color **67.0210, 56.8306, 82.2999** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **59.7488, 76.8513, 60.9783**, and the grayscale version is **57.0871, 60.0601, 65.4054**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **35.1084, 28.2920, 43.6549** is the 20% darker color. If you saturate the color by 10%, you get **61.9515, 47.7131, 77.4585**, and if you desaturate by 10%, it is **72.9622, 67.6623, 87.5176**.

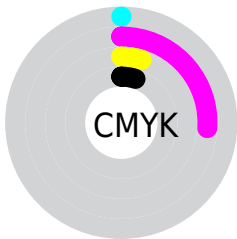
Distribution



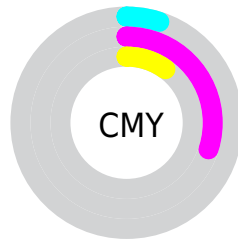
- Red (95%)
- Green (70%)
- Blue (90%)



- Red (95%)
- Yellow (70%)
- Blue (90%)



- Cyan (0%)
- Magenta (26%)
- Yellow (5%)
- Black (5%)



- Cyan (5%)
- Magenta (30%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.0210, 56.8306, 82.2999 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 67.0210, 56.8306, 82.2999 by changing the saturation by 10% instead.

67.0210, 56.8306,
82.2999

67.0210, 56.8306,
82.2999

439.4508,
412.8142, 522.5600

49.3725, 40.8693,
61.0755

114.0001,
100.2180, 138.4349

35.1308, 28.2169,
43.8552

144.0614,
128.4128, 174.1827

23.9306, 18.4893,
30.2203

178.9910,
161.4542, 215.6086

15.4066, 11.3018,
19.7524

219.1543,
199.7266, 263.1312

9.1934, 6.2702,
12.0329

264.9165,
243.6144, 317.1692

4.9257, 3.0101,
6.6433

316.6431,

2.2380, 1.1370,

293.5021, 378.1409

3.1650

374.6994,
349.7739, 446.4650

■ 0.7627, 0.0093,
1.1795

■ 0.0000, 0.0000,
0.0000

■ 67.0210, 56.8306,
82.2999

■ 67.0210, 56.8306,
82.2999

■ 61.9515, 47.7131,
77.4585

■ 72.9622, 67.6623,
87.5176

■ 57.7038, 40.2130,
72.9743

■ 79.8113, 80.2830,
93.1223

■ 54.2311, 34.2360,
68.8317

■ 87.6087, 94.7724,
99.1289

■ 51.4796, 29.6744,
65.0119

■ 89.3903, 97.2022,
103.2167

49.3882, 26.4067,
61.4941

90.1162, 97.4926,
107.0395

47.8860, 24.2909,
58.2538

90.4284, 97.6175,
108.6837

46.8847, 23.1508,
55.2611

46.5710, 22.8585,
54.1234

Harmonies

Analogous

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



61.5744, 56.8306, 101.5568



67.0210, 56.8306, 82.2999



68.9014, 56.8306, 60.6195

Triad

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



67.0210, 56.8306, 82.2999



53.5743, 56.8306, 30.3597



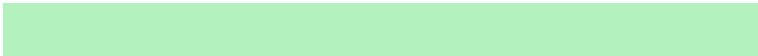
43.1925, 56.8306, 84.9846

Complementary

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



67.0210, 56.8306, 82.2999



59.7488, 76.8513, 60.9783

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.



41.4452, 56.8306, 63.1555



67.0210, 56.8306, 82.2999



47.1025, 56.8306, 34.1722

Square

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



67.0210, 56.8306, 82.2999



60.7414, 56.8306, 33.3258



42.8122, 56.8306, 45.1505



47.8059, 56.8306, 103.3313

Rectangle

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



67.0210, 56.8306, 82.2999



67.7582, 56.8306, 48.3915



42.8122, 56.8306, 45.1505



42.2697, 56.8306, 77.6648

Sweetspot

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



67.0227, 56.8331, 82.3011



88.2645, 87.4201, 103.5827



53.5225, 49.6720, 90.7723



18.6355, 18.2375, 21.9639



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.



67.0227, 56.8331, 82.3011



72.4750, 58.5789, 89.8794



63.0431, 55.2413, 61.3448



16.3176, 15.9768, 19.2287



25.0664, 12.2990, 29.3299



2.1181, 1.0363, 2.6129

Inverse Universe

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



67.0227, 56.8331, 82.3011



72.4750, 58.5789, 89.8794



63.5361, 78.3662, 80.9218



16.3176, 15.9768, 19.2287



25.0664, 12.2990, 29.3299



2.1181, 1.0363, 2.6129

Previews

White Background



This preview shows how the XYZ color 67.0210, 56.8306, 82.2999 looks on a white background.

Color Contrast Check

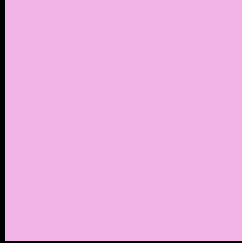
Large Text (above 18pt) WCAG AA × Fail

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 67.0210, 56.8306, 82.2999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

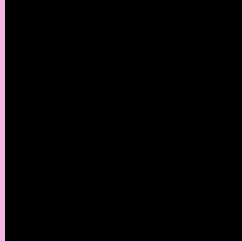
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.0210, 56.8306, 82.2999

Background



This preview shows how black text looks on a background with the XYZ color 67.0210, 56.8306, 82.2999.



This preview shows how white text looks on a background with the XYZ color 67.0210, 56.8306,

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

67.0210, 56.8306, 82.2999

Protanopia

56.9795, 57.1621, 92.0347

Deuteranopia

58.3338, 57.1088, 80.6216



Tritanopia

62.9177, 56.9986, 61.7185

Trichromacy



Original Color

67.0210, 56.8306, 82.2999



Protanomaly

59.8585, 56.4099, 88.6222



Deuteranomaly

61.1146, 56.9021, 81.1609



Tritanomaly

64.1629, 56.8708, 68.5682

Monochromacy



Original Color

67.0210, 56.8306, 82.2999



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

60.4388, 58.7397, 71.1032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0210, 56.8306, 82.2999 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, 179, 230)` looks like.

```
.text, #text, p{  
    color:rgb(242, 179, 230)  
}
```

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, 179, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 179, 230) }
```

Border

The CSS property to change the border of an element to XYZ 67.0210, 56.8306, 82.2999 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, 179, 230) }
```


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

```
.border{ border-color:rgb(242, 179, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 179, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 179, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 179, 230);  
box-shadow:4px 4px 4px 4px rgb(242, 179,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0210, 56.8306, 82.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 179, 230) }
```

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

```
.background{ background-color: rgb(242,  
179, 230) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor