

Converting Colors

XYZ(65.8647, 56.1533, 73.6740)

Have a look what the booklet for
XYZ(65.8647, 56.1533, 73.6740)
contains.

XYZ(65.8835, 56.1358, 73.6925)	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(65.8835, 56.1358,
73.6925)**

Conversions

Conversions Part 1

Format	Color
Hex	F4B2DA
RGB	244, 178, 218
RGB Percent	96%, 70%, 85%
CMY	0.0431, 0.3019, 0.1451
CMYK	0.00, 0.27, 0.11, 0.04
HSL	324°, 75%, 83%
HSV	324°, 27%, 96%
XYZ	65.8835, 56.1358, 73.6925
YIQ	202.2940, 26.4960, 26.4320

Conversions

Conversions Part 2

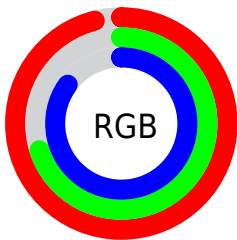
Format	Color
RYB	244, 178, 218
Decimal	16036570
CIELab	79.69, 30.04, -10.61
CIELCh	80, 31.861, 340.543
Yxy	56.1358, 0.3366, 0.2868
Android (android.graphics.Color)	4294226650 (0xFFF4B2DA)
YUV	202.2940, 7.7431, 36.5762
Hunter-Lab	74.9238, 25.8454, -5.8689

Details

The XYZ color **65.8835, 56.1358, 73.6925** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **61.6122, 78.5276, 69.0403**, and the grayscale version is **56.2655, 59.1957, 64.4641**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **34.4380, 27.8764, 38.2159** is the 20% darker color. If you saturate the color by 10%, you get **60.2322, 46.7877, 65.7816**, and if you desaturate by 10%, it is **72.4745, 67.2450, 82.2779**.

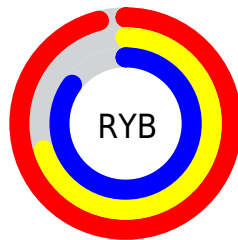
Distribution



Red (96%)

Green (70%)

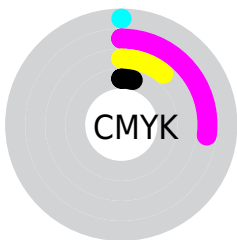
Blue (85%)



Red (96%)

Yellow (70%)

Blue (85%)

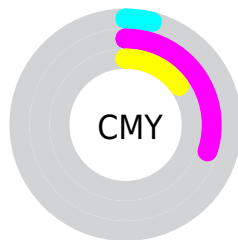


Cyan (0%)

Magenta (27%)

Yellow (11%)

Black (4%)



Cyan (4%)

Magenta (30%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8835, 56.1358, 73.6925 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 65.8835, 56.1358, 73.6925 by changing the saturation by 10% instead.

65.8835, 56.1358,
73.6925

65.8835, 56.1358,
73.6925

435.4553,
410.2031, 492.5464

48.4452, 40.3118,
54.0471

112.3778, 99.2031,
126.1898

34.3923, 27.7817,
38.2459

142.1644,
127.2152, 159.8789

23.3594, 18.1612,
25.8703

176.7979,
160.0588, 199.0862

14.9813, 11.0658,
16.5017

216.6436,
198.1183, 244.2304

8.8925, 6.1111,
9.7217

262.0668,
241.7781, 295.7300

4.7277, 2.9128,
5.1116

313.4330,

2.1215, 1.0864,

291.4225, 354.0035

2.2530

371.1073,
347.4361, 419.4694

0.7009, 0.0000,
0.7047

0.0000, 0.0000,
0.0000

65.8835, 56.1358,
73.6925

65.8835, 56.1358,
73.6925

60.2322, 46.7877,
65.7816

72.4745, 67.2450,
82.2779

55.4687, 39.1011,
58.5200

80.0438, 80.1930,
91.5546

51.5433, 32.9780,
51.8855

88.6339, 95.0619,
101.5432

48.3994, 28.3071,
45.8528

91.1186, 97.9733,
108.7160

■ 45.9728, 24.9620,
40.3941

■ 44.1881, 22.7946,
35.4774

■ 42.9493, 21.6147,
31.0638

■ 42.6438, 21.3674,
29.8410

Harmonies

Analogous

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



61.8029, 56.1358, 92.1737



65.8835, 56.1358, 73.6925



66.4576, 56.1358, 54.8692

Triad

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



65.8835, 56.1358, 73.6925



51.1248, 56.1358, 32.5005



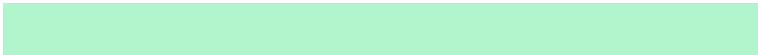
44.5002, 56.1358, 87.1505

Complementary

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



65.8835, 56.1358, 73.6925



61.6122, 78.5276, 69.0403

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.



42.0995, 56.1358, 67.8334



65.8835, 56.1358, 73.6925



45.7150, 56.1358, 37.9689

Square

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



65.8835, 56.1358, 73.6925



57.5808, 56.1358, 33.4443



42.5256, 56.1358, 50.0696



49.3419, 56.1358, 100.9596

Rectangle

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



65.8835, 56.1358, 73.6925



64.7284, 56.1358, 44.8352



42.5256, 56.1358, 50.0696



43.3993, 56.1358, 80.9416

Sweetspot

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



65.8852, 56.1383, 73.6937



87.6167, 87.1610, 100.1717



56.9623, 51.1140, 92.4526



18.4718, 18.1720, 21.1017



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.



65.8852, 56.1383, 73.6937



69.5598, 56.6205, 76.9704



62.0617, 54.6090, 53.5597



16.9210, 16.6512, 19.3305



23.2563, 11.6460, 16.5898



2.0945, 1.0438, 1.7238

Inverse Universe

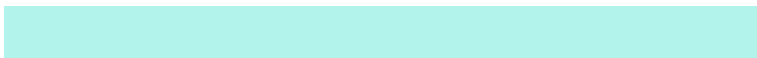
The Inverse Universe completely reimagines the original color for something new.



65.8852, 56.1383, 73.6937



69.5598, 56.6205, 76.9704



65.8966, 80.2413, 91.6018



16.9210, 16.6512, 19.3305



23.2563, 11.6460, 16.5898



2.0945, 1.0438, 1.7238

Previews

White Background



This preview shows how the XYZ color 65.8835, 56.1358, 73.6925 looks on a white background.

Color Contrast Check

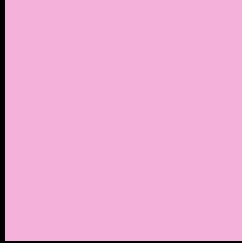
Large Text (above 18pt) WCAG AA × Fail

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 65.8835, 56.1358, 73.6925 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 65.8835, 56.1358, 73.6925

Background



This preview shows how black text looks on a background with the XYZ color 65.8835, 56.1358, 73.6925.



This preview shows how white text looks on a background with the XYZ color 65.8835, 56.1358,

73.6925.

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

65.8835, 56.1358, 73.6925

Protanopia

55.7611, 56.3995, 82.8102

Deuteranopia

57.4099, 56.1609, 72.1043



Tritanopia

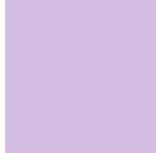
62.9674, 56.1422, 59.7423

Trichromacy



Original Color

65.8835, 56.1358, 73.6925



Protanomaly

58.7890, 55.7351, 79.6109



Deuteranomaly

60.2892, 56.0281, 72.6027



Tritanomaly

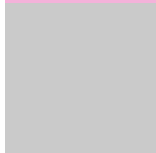
64.0409, 56.2846, 64.6154

Monochromacy



Original Color

65.8835, 56.1358, 73.6925



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

59.0704, 57.4457, 67.6493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8835, 56.1358, 73.6925 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(244, 178, 218)` looks like.

```
.text, #text, p{  
    color:rgb(244, 178, 218)  
}
```

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(244, 178, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 178, 218) }
```

Border

The CSS property to change the border of an element to XYZ 65.8835, 56.1358, 73.6925 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(244, 178, 218) }
```


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

```
.border{ border-color:rgb(244, 178, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 178, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 178, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 178, 218); box-shadow:4px 4px 4px 4px rgb(244, 178, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8835, 56.1358, 73.6925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 178, 218) }
```

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

```
.background{ background-color: rgb(244,  
178, 218) }
```

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