

Converting Colors

XYZ(56.7259, 48.1835, 65.4504)

Have a look what the booklet for
XYZ(56.7259, 48.1835, 65.4504)
contains.

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Color

**XYZ(56.5773, 48.1083,
65.3354)**

Conversions

Conversions Part 1

Format	Color
Hex	E3A6CF
RGB	227, 166, 207
RGB Percent	89%, 65%, 81%
CMY	0.1098, 0.3490, 0.1882
CMYK	0.00, 0.27, 0.09, 0.11
HSL	320°, 52%, 77%
HSV	320°, 27%, 89%
XYZ	56.5773, 48.1083, 65.3354
YIQ	188.9130, 23.1950, 25.6830

Conversions

Conversions Part 2

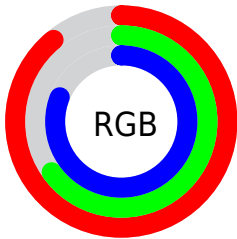
Format	Color
R _{YB}	227, 166, 207
Decimal	14919375
CIE _{Lab}	74.89, 28.82, -11.98
CIE _{LCh}	75, 31.211, 337.431
Yxy	48.1083, 0.3328, 0.2830
Android (android.graphics.Color)	4293109455 (0xFFE3A6CF)
YUV	188.9130, 8.9169, 33.4023
Hunter-Lab	69.3601, 24.2228, -7.2975

Details

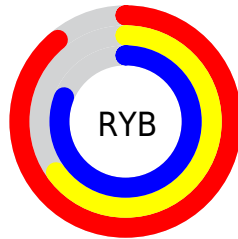
The XYZ color **56.5773, 48.1083, 65.3354** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.0599, 66.5918, 56.5670**, and the grayscale version is **48.2626, 50.7760, 55.2951**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **28.4495, 22.7681, 33.0322** is the 20% darker color. If you saturate the color by 10%, you get **51.9210, 40.2172, 59.3992**, and if you desaturate by 10%, it is **62.0077, 57.4774, 71.7423**.

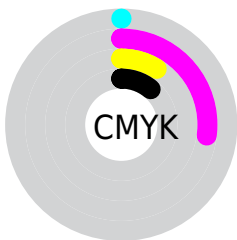
Distribution



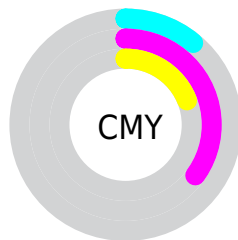
- Red (89%)
- Green (65%)
- Blue (81%)



- Red (89%)
- Yellow (65%)
- Blue (81%)



- Cyan (0%)
- Magenta (27%)
- Yellow (9%)
- Black (11%)





- Cyan (11%)
- Magenta (35%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5773, 48.1083, 65.3354 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 56.5773, 48.1083, 65.3354 by changing the saturation by 10% instead.


 56.5773, 48.1083,
65.3354


 56.5773, 48.1083,
65.3354


401.9033,
379.2212, 462.3354

 40.9048, 33.9127,
47.2800

 98.9831, 87.3656,
114.1498

 28.4320, 22.8265,
32.9011


 126.4470,
113.1961, 145.7459

 18.7937, 14.4655,
21.7802


158.5722,
143.6737, 182.6927

 11.6244, 8.4451,
13.4987

195.7239,
179.1827, 225.4087

 6.5589, 4.3811,
7.6381

238.2675,
220.1075, 274.3124

 3.2316, 1.8889,
3.7798

286.5684,

 1.2774, 0.5417,

266.8327, 329.8224

1.5054

340.9919,
319.7424, 392.3572

■ 0.1662, 0.0000,
0.2219

■ 0.0000, 0.0000,
0.0000

■ 56.5773, 48.1083,
65.3354

■ 56.5773, 48.1083,
65.3354

■ 51.9210, 40.2172,
59.3992

■ 62.0077, 57.4774,
71.7423

■ 47.9956, 33.7209,
53.9150

■ 68.2438, 68.3892,
78.6318

■ 44.7600, 28.5376,
48.8665

■ 75.3209, 80.9125,
86.0189

■ 42.1675, 24.5745,
44.2352

■ 82.6920, 93.9523,
93.7240

40.1650, 21.7265,
40.0004

83.8011, 94.3960,
99.5644

38.6903, 19.8706,
36.1382

84.9558, 94.8579,
105.6452

37.6640, 18.8485,
32.6187

85.4890, 95.0711,
108.4526

37.3932, 18.6168,
31.5733

Harmonies

Analogous

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



52.6944, 48.1083, 81.3726



56.5773, 48.1083, 65.3354



57.4405, 48.1083, 48.4376

Triad

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



56.5773, 48.1083, 65.3354



44.3267, 48.1083, 27.0727



37.5849, 48.1083, 73.8000

Complementary

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



56.5773, 48.1083, 65.3354



52.0599, 66.5918, 56.5670

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.



35.7226, 48.1083, 56.5345



56.5773, 48.1083, 65.3354



39.3998, 48.1083, 31.2521

Square

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



56.5773, 48.1083, 65.3354



50.0493, 48.1083, 28.4705



36.3584, 48.1083, 41.2645



41.6582, 48.1083, 86.9233

Rectangle

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



56.5773, 48.1083, 65.3354



56.1270, 48.1083, 39.2462



36.3584, 48.1083, 41.2645



36.6956, 48.1083, 68.1630

Sweetspot

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



56.5787, 48.1105, 65.3364



87.8255, 87.2445, 101.2711



47.5875, 43.1746, 78.4994



18.5245, 18.1931, 21.3792



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.



56.5787, 48.1105, 65.3364



70.2979, 56.9158, 80.8572



53.2707, 46.7872, 47.9163



14.7836, 14.5306, 17.0608



21.8635, 10.8796, 18.7078



1.6580, 0.8209, 1.6055

Inverse Universe

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



56.5787, 48.1105, 65.3364



70.2979, 56.9158, 80.8572



55.5676, 67.9949, 75.0385



14.7836, 14.5306, 17.0608



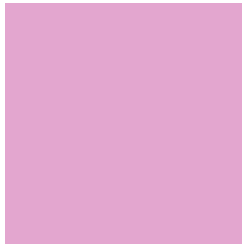
21.8635, 10.8796, 18.7078



1.6580, 0.8209, 1.6055

Previews

White Background



This preview shows how the XYZ color 56.5773, 48.1083, 65.3354 looks on a white background.

Color Contrast Check

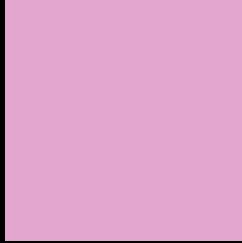
Large Text (above 18pt) WCAG AA × Fail

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 56.5773, 48.1083, 65.3354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

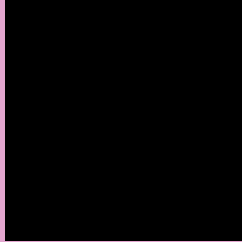
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.5773, 48.1083, 65.3354

Background



This preview shows how black text looks on a background with the XYZ color 56.5773, 48.1083, 65.3354.



This preview shows how white text looks on a background with the XYZ color 56.5773, 48.1083,

65.3354.

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

56.5773, 48.1083, 65.3354

Protanopia

47.9485, 48.3939, 73.1435

Deuteranopia

49.2127, 48.3396, 63.8634



Tritanopia

53.6624, 48.0156, 51.2394

Trichromacy



Original Color

56.5773, 48.1083, 65.3354



Protanomaly

50.6247, 48.0351, 70.2218



Deuteranomaly

51.5263, 48.0469, 64.3159



Tritanomaly

54.7537, 48.1893, 56.2848

Monochromacy



Original Color

56.5773, 48.1083, 65.3354



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

51.1163, 49.7298, 59.1292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5773, 48.1083, 65.3354 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(227, 166, 207)` looks like.

```
.text, #text, p{  
    color:rgb(227, 166, 207)  
}
```

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(227, 166, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 166, 207) }
```

Border

The CSS property to change the border of an element to XYZ 56.5773, 48.1083, 65.3354 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(227, 166, 207) }
```


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

```
.border{ border-color:rgb(227, 166, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 166, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 166, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 166, 207);  
box-shadow:4px 4px 4px 4px rgb(227, 166,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5773, 48.1083, 65.3354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 166, 207) }
```

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

```
.background{ background-color: rgb(227,  
166, 207) }
```

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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