

Converting Colors

XYZ(55.5540, 46.4662, 63.5283)

Have a look what the booklet for
XYZ(55.5540, 46.4662, 63.5283)
contains.

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Color

**XYZ(55.6183, 46.5793,
63.8169)**

Conversions

Conversions Part 1

Format	Color
Hex	E3A2CD
RGB	227, 162, 205
RGB Percent	89%, 64%, 80%
CMY	0.1098, 0.3647, 0.1961
CMYK	0.00, 0.29, 0.10, 0.11
HSL	320°, 54%, 76%
HSV	320°, 29%, 89%
XYZ	55.6183, 46.5793, 63.8169
YIQ	186.3370, 24.9370, 27.1530

Conversions

Conversions Part 2

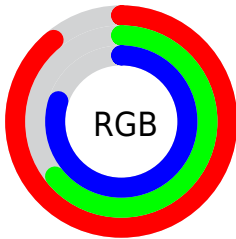
Format	Color
R _Y B	227, 162, 205
Decimal	14918349
CIE Lab	73.92, 30.63, -12.34
CIE LCh	74, 33.019, 338.055
Yxy	46.5793, 0.3350, 0.2806
Android (android.graphics.Color)	4293108429 (0xFFE3A2CD)
YUV	186.3370, 9.2009, 35.6615
Hunter-Lab	68.2490, 26.0295, -7.6654

Details

The XYZ color **55.6183, 46.5793, 63.8169** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.0230, 66.0815, 55.4161**, and the grayscale version is **46.8024, 49.2398, 53.6221**.

A 20% lighter version of the original color is **84.1029, 78.1057, 105.2510**, and **27.9564, 22.0442, 32.0596** is the 20% darker color. If you saturate the color by 10%, you get **51.0702, 38.9306, 57.8369**, and if you desaturate by 10%, it is **60.9365, 55.6939, 70.2794**.

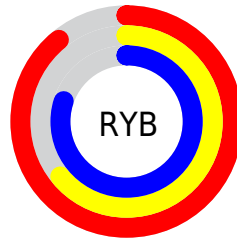
Distribution



Red (89%)

Green (64%)

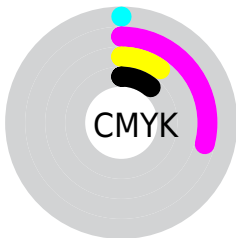
Blue (80%)



Red (89%)

Yellow (64%)

Blue (80%)

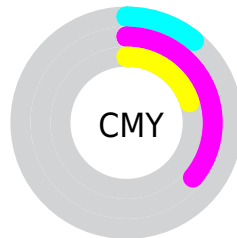


Cyan (0%)

Magenta (29%)

Yellow (10%)

Black (11%)



Cyan (11%)


Magenta (36%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6183, 46.5793, 63.8169 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 55.6183, 46.5793, 63.8169 by changing the saturation by 10% instead.


 55.6183, 46.5793,
63.8169


 55.6183, 46.5793,
63.8169


398.3498,
373.1328, 456.7174

 40.1328, 32.7032,
46.0572

 97.5893, 85.0853,
111.9441

 27.8267, 21.8992,
31.9419


 124.8055,
110.4840, 143.1487

 18.3349, 13.7828,
21.0527

156.6627,
140.4924, 179.6719

 11.2918, 7.9698,
12.9709

193.5261,
175.4948, 221.9324

 6.3322, 4.0756,
7.2780

235.7612,
215.8756, 270.3487

 3.0907, 1.7160,
3.5555

283.7332,

 1.2019, 0.4340,

262.0193, 325.3392

1.3848

337.8077,
314.3102, 387.3226

■ 0.1079, 0.0000,
0.1298

■ 0.0000, 0.0000,
0.0000

■ 55.6183, 46.5793,
63.8169

■ 55.6183, 46.5793,
63.8169

■ 51.0702, 38.9306,
57.8369

■ 60.9365, 55.6939,
70.2794

■ 47.2485, 32.6635,
52.3200

■ 67.0572, 66.3403,
77.2368

■ 44.1115, 27.6949,
47.2497

■ 74.0159, 78.5878,
84.7044

■ 41.6112, 23.9300,
42.6066

■ 81.8447, 92.4997,
92.6961

■ 39.6931, 21.2611,
38.3691

■ 83.6799, 94.3475,
98.9267

■ 38.2932, 19.5609,
34.5125

■ 84.8676, 94.8226,
105.1812

■ 37.3160, 18.6398,
31.0012

■ 85.4889, 95.0711,
108.4525

■ 37.1972, 18.5384,
30.5416

Harmonies

Analogous

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



51.6195, 46.5793, 80.7517



55.6183, 46.5793, 63.8169



56.4470, 46.5793, 46.3107

Triad

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



55.6183, 46.5793, 63.8169



42.7057, 46.5793, 24.9222



35.9470, 46.5793, 73.4287

Complementary

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



55.6183, 46.5793, 63.8169



51.0230, 66.0815, 55.4161

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.



33.9875, 46.5793, 55.3942



55.6183, 46.5793, 63.8169



37.6575, 46.5793, 29.2406

Square

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



55.6183, 46.5793, 63.8169



48.6369, 46.5793, 26.2068



34.5847, 46.5793, 39.5448



40.1768, 46.5793, 87.1022

Rectangle

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



55.6183, 46.5793, 63.8169



55.0271, 46.5793, 36.9522



34.5847, 46.5793, 39.5448



35.0188, 46.5793, 67.5348

Sweetspot

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



55.6197, 46.5814, 63.8179



86.9350, 85.7311, 100.1491



46.4748, 41.5383, 78.2420



18.3450, 17.8909, 21.1443



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.



55.6197, 46.5814, 63.8179



68.9780, 54.8481, 78.6537



52.1273, 45.1844, 45.4270



14.7769, 14.5280, 17.0256



21.7499, 10.8342, 18.1095



1.6502, 0.8178, 1.5645

Inverse Universe

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



55.6197, 46.5814, 63.8179



68.9780, 54.8481, 78.6537



54.7872, 67.5872, 75.2380



14.7769, 14.5280, 17.0256



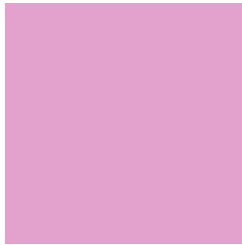
21.7499, 10.8342, 18.1095



1.6502, 0.8178, 1.5645

Previews

White Background



This preview shows how the XYZ color 55.6183, 46.5793, 63.8169 looks on a white background.

Color Contrast Check

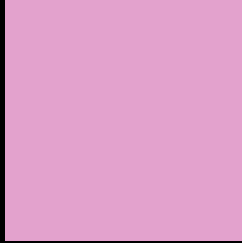
Large Text (above 18pt) WCAG AA × Fail

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 55.6183, 46.5793, 63.8169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

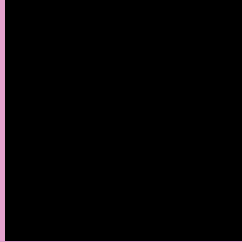
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6183, 46.5793, 63.8169

Background



This preview shows how black text looks on a background with the XYZ color 55.6183, 46.5793, 63.8169.



This preview shows how white text looks on a background with the XYZ color 55.6183, 46.5793,

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

55.6183, 46.5793, 63.8169

Protanopia

46.3012, 46.6509, 72.2098

Deuteranopia

47.6180, 46.6557, 62.3728



Tritanopia

52.6959, 46.7394, 48.8921

Trichromacy



Original Color

55.6183, 46.5793, 63.8169



Protanomaly

48.9461, 46.0287, 69.2555



Deuteranomaly

50.1606, 46.5134, 62.8341



Tritanomaly

53.5836, 46.5487, 53.7376

Monochromacy



Original Color

55.6183, 46.5793, 63.8169



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

49.4352, 47.7120, 57.0559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6183, 46.5793, 63.8169 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, 162, 205)` looks like.

```
.text, #text, p{  
    color:rgb(227, 162, 205)  
}
```

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, 162, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 162, 205) }
```

Border

The CSS property to change the border of an element to XYZ 55.6183, 46.5793, 63.8169 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, 162, 205) }
```


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

```
.border{ border-color:rgb(227, 162, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 162, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 162, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 162, 205);  
box-shadow:4px 4px 4px 4px rgb(227, 162,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6183, 46.5793, 63.8169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 162, 205) }
```

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

```
.background{ background-color: rgb(227,  
162, 205) }
```

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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