

Converting Colors

XYZ(55.4953, 46.8483, 64.0831)

Have a look what the booklet for
XYZ(55.4953, 46.8483, 64.0831)
contains.

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Color

**XYZ(55.4807, 46.7709,
63.8611)**

Conversions

Conversions Part 1

Format	Color
Hex	E2A3CD
RGB	226, 163, 205
RGB Percent	89%, 64%, 80%
CMY	0.1137, 0.3608, 0.1961
CMYK	0.00, 0.28, 0.09, 0.11
HSL	320°, 52%, 76%
HSV	320°, 28%, 89%
XYZ	55.4807, 46.7709, 63.8611
YIQ	186.6250, 24.0660, 26.4180

Conversions

Conversions Part 2

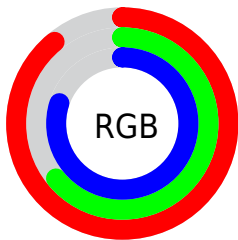
Format	Color
R_{YB}	226, 163, 205
Decimal	14853069
CIE _{Lab}	74.04, 29.75, -12.17
CIE _{LCh}	74, 32.142, 337.758
Yxy	46.7709, 0.3340, 0.2816
Android (android.graphics.Color)	4293043149 (0xFFE2A3CD)
YUV	186.6250, 9.0589, 34.5319
Hunter-Lab	68.3893, 25.1267, -7.4918

Details

The XYZ color **55.4807, 46.7709, 63.8611** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.9543, 65.6414, 55.3349**, and the grayscale version is **46.9652, 49.4111, 53.8087**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **27.8479, 22.1493, 32.0857** is the 20% darker color. If you saturate the color by 10%, you get **50.9335, 39.0964, 57.9662**, and if you desaturate by 10%, it is **60.7916, 55.9012, 70.2277**.

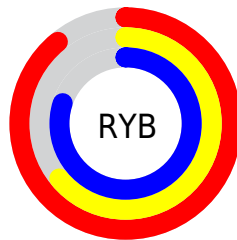
Distribution



Red (89%)

Green (64%)

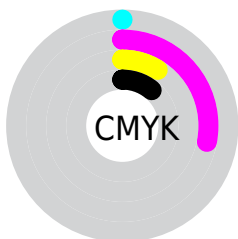
Blue (80%)



Red (89%)

Yellow (64%)

Blue (80%)

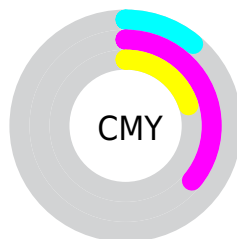


Cyan (0%)

Magenta (28%)

Yellow (9%)

Black (11%)



Cyan (11%)


Magenta (36%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4807, 46.7709, 63.8611 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 55.4807, 46.7709, 63.8611 by changing the saturation by 10% instead.


 55.4807, 46.7709,
63.8611

 55.4807, 46.7709,
63.8611


397.8384,
373.8993, 456.8816

 40.0221, 32.8546,
46.0927

 97.3891, 85.3715,
112.0084

 27.7400, 22.0151,
31.9698


 124.5696,
110.8247, 143.2244

 18.2692, 13.8680,
21.0738

156.3882,
140.8922, 179.7601

 11.2443, 8.0289,
12.9862

193.2100,
175.9585, 222.0339

 6.2999, 4.1134,
7.2884

235.4007,
216.4079, 270.4644

 3.0707, 1.7372,
3.5620

283.3253,

 1.1913, 0.4476,

262.6250, 325.4701

1.3882

337.3495,
314.9940, 387.4697

■ 0.0994, 0.0000,
0.1325

■ 0.0000, 0.0000,
0.0000

■ 55.4807, 46.7709,
63.8611

■ 55.4807, 46.7709,
63.8611

■ 50.9335, 39.0964,
57.9662

■ 60.7916, 55.9012,
70.2277

■ 47.1068, 32.7947,
52.5241

■ 66.8978, 66.5519,
77.0779

■ 43.9599, 27.7842,
47.5185

■ 73.8344, 78.7914,
84.4268

■ 41.4457, 23.9721,
42.9307

■ 81.6331, 92.6820,
92.2878

■ 39.5109, 21.2528,
38.7397

■ 83.2524, 94.1401,
98.3165

■ 38.0931, 19.5025,
34.9214

■ 84.4119, 94.6039,
104.4222

■ 37.1057, 18.5489,
31.4436

■ 85.1744, 94.9089,
108.4378

■ 36.9229, 18.3923,
30.7384

Harmonies

Analogous

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



51.5660, 46.7709, 80.2495



55.4807, 46.7709, 63.8611



56.3203, 46.7709, 46.7739

Triad

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



55.4807, 46.7709, 63.8611



42.9800, 46.7709, 25.5742



36.2817, 46.7709, 72.8531

Complementary

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



55.4807, 46.7709, 63.8611



50.9543, 65.6414, 55.3349

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.



34.3843, 46.7709, 55.3159



55.4807, 46.7709, 63.8611



38.0286, 46.7709, 29.7883

Square

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



55.4807, 46.7709, 63.8611



48.7673, 46.7709, 26.9005



34.9952, 46.7709, 39.8666



40.4035, 46.7709, 86.1716

Rectangle

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



55.4807, 46.7709, 63.8611



54.9616, 46.7709, 37.5688



34.9952, 46.7709, 39.8666



35.3796, 46.7709, 67.1234

Sweetspot

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



55.4821, 46.7730, 63.8621



87.8082, 87.2376, 101.1798



46.5938, 41.8781, 77.5799



18.5201, 18.1914, 21.3561



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.



55.4821, 46.7730, 63.8621



69.6325, 55.8724, 79.7497



52.0543, 45.4019, 45.8115



14.0906, 13.8539, 16.2474



21.1215, 10.5156, 17.8374



1.5050, 0.7453, 1.4524

Inverse Universe

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



55.4821, 46.7730, 63.8621



69.6325, 55.8724, 79.7497



54.6324, 67.1126, 74.7032



14.0906, 13.8539, 16.2474



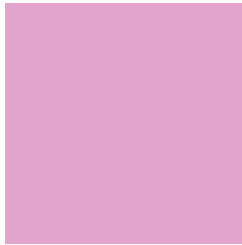
21.1215, 10.5156, 17.8374



1.5050, 0.7453, 1.4524

Previews

White Background



This preview shows how the XYZ color 55.4807, 46.7709, 63.8611 looks on a white background.

Color Contrast Check

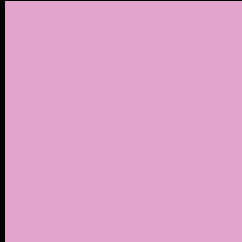
Large Text (above 18pt) WCAG AA × Fail

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 55.4807, 46.7709, 63.8611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

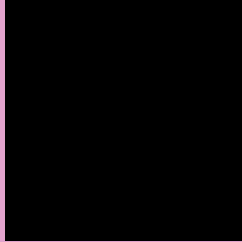
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4807, 46.7709, 63.8611

Background



This preview shows how black text looks on a background with the XYZ color 55.4807, 46.7709, 63.8611.



This preview shows how white text looks on a background with the XYZ color 55.4807, 46.7709,

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

55.4807, 46.7709, 63.8611

Protanopia

46.7275, 47.1715, 72.2878

Deuteranopia

47.8687, 46.7849, 62.3846



Tritanopia

52.4884, 46.6207, 49.4123

Trichromacy



Original Color

55.4807, 46.7709, 63.8611



Protanomaly

49.3944, 46.5455, 69.3316



Deuteranomaly

50.4339, 46.6542, 62.8469



Tritanomaly

53.5620, 46.7939, 54.3532

Monochromacy



Original Color

55.4807, 46.7709, 63.8611



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

49.7454, 48.1533, 57.7116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4807, 46.7709, 63.8611 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(226, 163, 205)` looks like.

```
.text, #text, p{  
    color:rgb(226, 163, 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(226, 163, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 163, 205) }
```

Border

The CSS property to change the border of an element to XYZ 55.4807, 46.7709, 63.8611 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(226, 163, 205) }
```


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

```
.border{ border-color:rgb(226, 163, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 163, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 163, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 163, 205);  
box-shadow:4px 4px 4px 4px rgb(226, 163,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4807, 46.7709, 63.8611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 163, 205) }
```

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

```
.background{ background-color: rgb(226,  
163, 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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