

Converting Colors

XYZ(55.3158, 48.2473, 58.3767)

Have a look what the booklet for
XYZ(55.3158, 48.2473, 58.3767)
contains.

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Color

**XYZ(55.3305, 48.1595,
58.6040)**

Conversions

Conversions Part 1

Format	Color
Hex	E2A8C4
RGB	226, 168, 196
RGB Percent	89%, 66%, 77%
CMY	0.1137, 0.3412, 0.2314
CMYK	0.00, 0.26, 0.13, 0.11
HSL	331°, 50%, 77%
HSV	331°, 26%, 89%
XYZ	55.3305, 48.1595, 58.6040
YIQ	188.5340, 25.5800, 21.0040

Conversions

Conversions Part 2

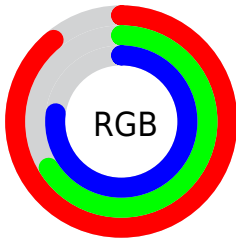
Format	Color
RYB	226, 168, 196
Decimal	14854340
CIELab	74.93, 25.57, -5.92
CIELCh	75, 26.246, 346.967
Yxy	48.1595, 0.3413, 0.2971
Android (android.graphics.Color)	4293044420 (0xFFE2A8C4)
YUV	188.5340, 3.6807, 32.8577
Hunter-Lab	69.3970, 20.8738, -1.4909

Details

The XYZ color **55.3305, 48.1595, 58.6040** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.5399, 66.7962, 63.5004**, and the grayscale version is **48.0744, 50.5780, 55.0794**.

A 20% lighter version of the original color is **85.6253, 81.6632, 104.1781**, and **27.5908, 22.7605, 28.5302** is the 20% darker color. If you saturate the color by 10%, you get **50.2361, 40.0175, 50.5946**, and if you desaturate by 10%, it is **61.2565, 57.7975, 67.4032**.

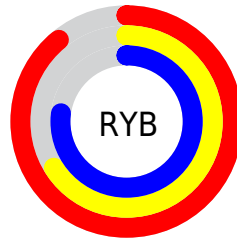
Distribution



Red (89%)

Green (66%)

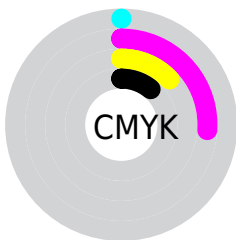
Blue (77%)



Red (89%)

Yellow (66%)

Blue (77%)

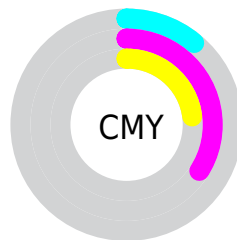


Cyan (0%)

Magenta (26%)

Yellow (13%)

Black (11%)



Cyan (11%)

Magenta (34%)


Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3305, 48.1595, 58.6040 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 55.3305, 48.1595, 58.6040 by changing the saturation by 10% instead.


 55.3305, 48.1595,
58.6040


 55.3305, 48.1595,
58.6040


397.2796,
379.4240, 437.0938

 39.9013, 33.9532,
41.8765


 97.1705, 87.4418,
104.3254

 27.6455, 22.8577,
28.6798

 124.3120,
113.2867, 134.1563

 18.1977, 14.4884,
18.5952


156.0884,
143.7798, 169.1921

 11.1925, 8.4612,
11.2043

192.8649,
179.3057, 209.8514

 6.2647, 4.3914,
6.0885

235.0069,
220.2486, 256.5527

 3.0489, 1.8948,
2.8293

282.8798,

 1.1797, 0.5453,

266.9931, 309.7145

1.0082

336.8489,
319.9234, 369.7553

■ 0.0902, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3305, 48.1595,
58.6040

■ 55.3305, 48.1595,
58.6040

■ 50.2361, 40.0175,
50.5946

■ 61.2565, 57.7975,
67.4032

■ 45.9293, 33.2889,
43.3473

■ 68.0469, 68.9955,
77.0129

■ 42.3680, 27.8933,
36.8365

■ 75.7379, 81.8215,
87.4565

■ 39.5047, 23.7393,
31.0338

■ 83.2663, 94.1457,
98.3900

■ 37.2856, 20.7237,
25.9085

■ 85.0866, 94.8738,
107.9754

■ 35.6486, 18.7266,
21.4263

■ 85.1744, 94.9089,
108.4378

■ 34.5176, 17.6005,
17.5475

■ 34.1298, 17.2751,
16.0306

Harmonies

Analogous

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



52.8305, 48.1595, 72.5419



55.3305, 48.1595, 58.6040



55.1453, 48.1595, 45.1214

Triad

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



55.3305, 48.1595, 58.6040



43.1427, 48.1595, 31.0655



39.7810, 48.1595, 74.1404

Complementary

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



55.3305, 48.1595, 58.6040



53.5399, 66.7962, 63.5004

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.



37.5298, 48.1595, 60.5045



55.3305, 48.1595, 58.6040



39.3759, 48.1595, 36.4399

Square

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



55.3305, 48.1595, 58.6040



47.8795, 48.1595, 30.7367



37.3868, 48.1595, 46.7195



43.7314, 48.1595, 82.5082

Rectangle

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



55.3305, 48.1595, 58.6040



53.5218, 48.1595, 38.1409



37.3868, 48.1595, 46.7195



38.8128, 48.1595, 69.9231

Sweetspot

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



55.3319, 48.1617, 58.6050



87.2311, 87.0067, 98.1410



51.0119, 45.4999, 78.0460



18.3747, 18.1332, 20.5901



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.



55.3319, 48.1617, 58.6050



68.9071, 57.1517, 71.0910



52.6155, 47.3617, 43.4169



13.9815, 13.8102, 15.6727



19.5303, 9.8791, 9.4583



1.3988, 0.7028, 0.8931

Inverse Universe

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



55.3319, 48.1617, 58.6050



68.9071, 57.1517, 71.0910



56.8117, 67.6855, 82.0226



13.9815, 13.8102, 15.6727



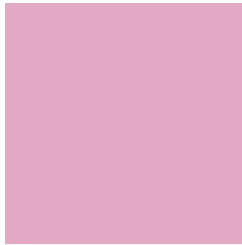
19.5303, 9.8791, 9.4583



1.3988, 0.7028, 0.8931

Previews

White Background



This preview shows how the XYZ color 55.3305, 48.1595, 58.6040 looks on a white background.

Color Contrast Check

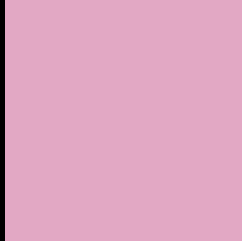
Large Text (above 18pt) WCAG AA × Fail

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 55.3305, 48.1595, 58.6040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

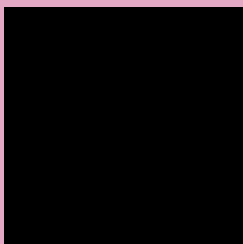
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.3305, 48.1595, 58.6040

Background



This preview shows how black text looks on a background with the XYZ color 55.3305, 48.1595, 58.6040.



This preview shows how white text looks on a background with the XYZ color 55.3305, 48.1595,

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

55.3305, 48.1595, 58.6040

Protanopia

47.3655, 48.2683, 65.2128

Deuteranopia

49.1464, 48.1410, 57.7408



Tritanopia

53.6624, 48.0156, 51.2394

Trichromacy



Original Color

55.3305, 48.1595, 58.6040

Protanomaly

49.8698, 48.1108, 62.5350

Deuteranomaly

51.1927, 48.0100, 58.1985

Tritanomaly

54.3164, 48.0143, 53.9819

Monochromacy



Original Color

55.3305, 48.1595, 58.6040

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.3954, 49.4101, 56.7501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3305, 48.1595, 58.6040 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, 168, 196)` looks like.

```
.text, #text, p{  
    color:rgb(226, 168, 196)  
}
```

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, 168, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 168, 196) }
```

Border

The CSS property to change the border of an element to XYZ 55.3305, 48.1595, 58.6040 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, 168, 196) }
```


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

```
.border{ border-color:rgb(226, 168, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 168, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 168, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 168, 196);  
box-shadow:4px 4px 4px 4px rgb(226, 168,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3305, 48.1595, 58.6040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 168, 196) }
```

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

```
.background{ background-color: rgb(226,  
168, 196) }
```

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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