

Converting Colors

XYZ(55.3388, 48.1806, 57.1408)

Have a look what the booklet for
XYZ(55.3388, 48.1806, 57.1408)
contains.

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Color

**XYZ(55.4188, 48.2312,
57.4276)**

Conversions

Conversions Part 1

Format	Color
Hex	E3A8C2
RGB	227, 168, 194
RGB Percent	89%, 66%, 76%
CMY	0.1098, 0.3412, 0.2392
CMYK	0.00, 0.26, 0.15, 0.11
HSL	334°, 51%, 77%
HSV	334°, 26%, 89%
XYZ	55.4188, 48.2312, 57.4276
YIQ	188.6050, 26.8180, 20.5940

Conversions

Conversions Part 2

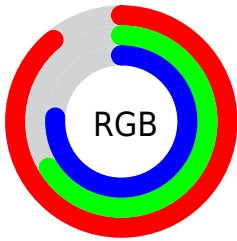
Format	Color
R _Y B	227, 168, 194
Decimal	14919874
CIE Lab	74.97, 25.60, -4.75
CIE LCh	75, 26.033, 349.498
Yxy	48.2312, 0.3441, 0.2994
Android (android.graphics.Color)	4293109954 (0xFFE3A8C2)
YUV	188.6050, 2.6597, 33.6724
Hunter-Lab	69.4487, 20.9046, -0.4132

Details

The XYZ color **55.4188, 48.2312, 57.4276** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.1621, 67.4814, 65.4321**, and the grayscale version is **48.1200, 50.6260, 55.1317**.

A 20% lighter version of the original color is **85.1510, 81.4734, 101.6805**, and **27.6589, 22.8128, 27.7565** is the 20% darker color. If you saturate the color by 10%, you get **50.2226, 40.0239, 48.9579**, and if you desaturate by 10%, it is **61.4711, 57.9546, 66.7850**.

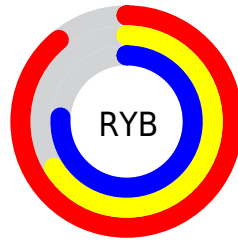
Distribution



Red (89%)

Green (66%)

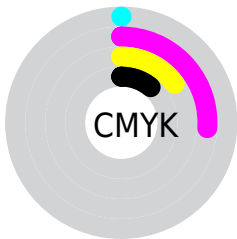
Blue (76%)



Red (89%)

Yellow (66%)

Blue (76%)

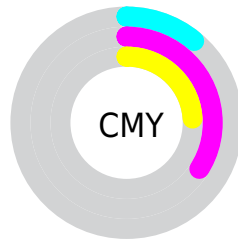


Cyan (0%)

Magenta (26%)

Yellow (15%)

Black (11%)



Cyan (11%)

Magenta (34%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4188, 48.2312, 57.4276 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 55.4188, 48.2312, 57.4276 by changing the saturation by 10% instead.


 55.4188, 48.2312,
57.4276


 55.4188, 48.2312,
57.4276


397.6081,
379.7078, 432.5882

 39.9723, 34.0100,
40.9370

 97.2990, 87.5485,
102.5954

 27.7011, 22.9013,
27.9505

 124.4635,
113.4135, 132.1096

 18.2397, 14.5206,
18.0497


156.2646,
143.9285, 166.8022

 11.2230, 8.4837,
10.8158

193.0678,
179.4779, 207.0915

 6.2854, 4.4060,
5.8305

235.2384,
220.4461, 253.3963

 3.0617, 1.9031,
2.6752

283.1417,

 1.1865, 0.5503,

267.2176, 306.1349

0.9309

337.1432,
320.1767, 365.7261

■ 0.0957, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4188, 48.2312,
57.4276

■ 55.4188, 48.2312,
57.4276

■ 50.2226, 40.0239,
48.9579

■ 61.4711, 57.9546,
66.7850

■ 45.8374, 33.2490,
41.3443

■ 68.4136, 69.2592,
77.0542

■ 42.2199, 27.8244,
34.5573

■ 76.2835, 82.2143,
88.2621

■ 39.3210, 23.6571,
28.5643

■ 83.8884, 94.4309,
100.0248

■ 37.0854, 20.6421,
23.3299

■ 85.4888, 95.0710,
108.4525

■ 35.4492, 18.6572,
18.8150

■ 34.3335, 17.5510,
14.9746

■ 33.9803, 17.2516,
13.6020

Harmonies

Analogous

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



53.1415, 48.2312, 71.3957



55.4188, 48.2312, 57.4276



54.9993, 48.2312, 44.2623

Triad

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



55.4188, 48.2312, 57.4276



42.8618, 48.2312, 31.5213



40.1642, 48.2312, 75.0141

Complementary

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



55.4188, 48.2312, 57.4276



54.1621, 67.4814, 65.4321

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.



37.7627, 48.2312, 61.7359



55.4188, 48.2312, 57.4276



39.2441, 48.2312, 37.2971

Square

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



55.4188, 48.2312, 57.4276



47.5268, 48.2312, 30.7720



37.4379, 48.2312, 47.8920



44.1981, 48.2312, 82.6513

Rectangle

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



55.4188, 48.2312, 57.4276



53.2551, 48.2312, 37.5774



37.4379, 48.2312, 47.8920



39.1514, 48.2312, 70.9656

Sweetspot

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



55.4202, 48.2334, 57.4286



87.1007, 86.9546, 97.4544



51.8095, 45.8952, 78.8017



18.3419, 18.1201, 20.4175



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.



55.4202, 48.2334, 57.4286



68.4861, 56.9833, 68.8744



53.3017, 48.2673, 43.5557



14.6395, 14.4730, 16.3020



19.8738, 10.0837, 8.2302



1.5147, 0.7636, 0.8507

Inverse Universe

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



55.4202, 48.2334, 57.4286



68.4861, 56.9833, 68.8744



56.6842, 67.2103, 82.6590



14.6395, 14.4730, 16.3020



19.8738, 10.0837, 8.2302



1.5147, 0.7636, 0.8507

Previews

White Background



This preview shows how the XYZ color 55.4188, 48.2312, 57.4276 looks on a white background.

Color Contrast Check

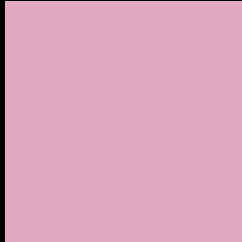
Large Text (above 18pt) WCAG AA × Fail

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 55.4188, 48.2312, 57.4276 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 55.4188, 48.2312, 57.4276

Background



This preview shows how black text looks on a background with the XYZ color 55.4188, 48.2312, 57.4276.



This preview shows how white text looks on a background with the XYZ color 55.4188, 48.2312,

57.4276.

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

55.4188, 48.2312, 57.4276

Protanopia

47.5680, 48.7079, 64.0212

Deuteranopia

49.4539, 48.3253, 56.5904



Tritanopia

54.2860, 48.3371, 51.2686

Trichromacy



Original Color

55.4188, 48.2312, 57.4276

Protanomaly

49.8989, 48.1530, 61.3081

Deuteranomaly

51.5340, 48.2118, 57.0418

Tritanomaly

54.5216, 48.1325, 53.4306

Monochromacy



Original Color

55.4188, 48.2312, 57.4276

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.5564, 49.5058, 56.1812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4188, 48.2312, 57.4276 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, 168, 194)` looks like.

```
.text, #text, p{  
    color:rgb(227, 168, 194)  
}
```

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, 168, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 168, 194) }
```

Border

The CSS property to change the border of an element to XYZ 55.4188, 48.2312, 57.4276 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, 168, 194) }
```


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

```
.border{ border-color:rgb(227, 168, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 168, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 168, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 168, 194);  
box-shadow:4px 4px 4px 4px rgb(227, 168,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4188, 48.2312, 57.4276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 168, 194) }
```

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

```
.background{ background-color: rgb(227,  
168, 194) }
```

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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