

Converting Colors

XYZ(55.1312, 48.6033, 60.6409)

Have a look what the booklet for
XYZ(55.1312, 48.6033, 60.6409)
contains.

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Color

**XYZ(55.1150, 48.5609,
60.5012)**

Conversions

Conversions Part 1

Format	Color
Hex	DFAAC7
RGB	223, 170, 199
RGB Percent	87%, 67%, 78%
CMY	0.1255, 0.3333, 0.2196
CMYK	0.00, 0.24, 0.11, 0.13
HSL	327°, 45%, 77%
HSV	327°, 24%, 87%
XYZ	55.1150, 48.5609, 60.5012
YIQ	189.1530, 22.2790, 20.2550

Conversions

Conversions Part 2

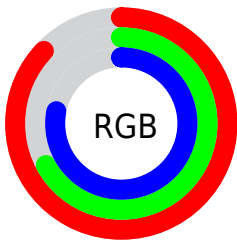
Format	Color
R_{YB}	223, 170, 199
Decimal	14658247
CIE Lab	75.18, 23.94, -7.22
CIE LCh	75, 25.006, 343.215
Yxy	48.5609, 0.3357, 0.2958
Android (android.graphics.Color)	4292848327 (0xFFDFAAC7)
YUV	189.1530, 4.8546, 29.6838
Hunter-Lab	69.6857, 19.2273, -2.6957

Details

The XYZ color **55.1150, 48.5609, 60.5012** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.7048, 65.2179, 60.8524**, and the grayscale version is **48.4226, 50.9444, 55.4784**.

A 20% lighter version of the original color is **86.4864, 82.8727, 106.0455**, and **27.4085, 22.9824, 29.7795** is the 20% darker color. If you saturate the color by 10%, you get **50.1502, 40.4454, 53.2521**, and if you desaturate by 10%, it is **60.8695, 58.1300, 68.3986**.

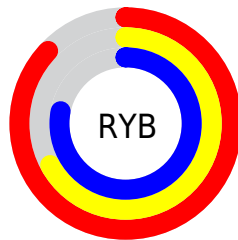
Distribution



Red (87%)

Green (67%)

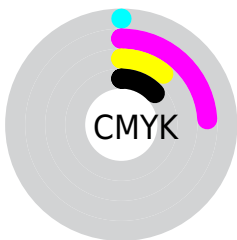
Blue (78%)



Red (87%)

Yellow (67%)

Blue (78%)

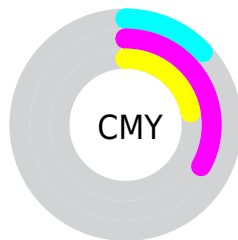


Cyan (0%)

Magenta (24%)

Yellow (11%)

Black (13%)



Cyan (13%)


Magenta (33%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1150, 48.5609, 60.5012 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 55.1150, 48.5609, 60.5012 by changing the saturation by 10% instead.


 55.1150, 48.5609,
60.5012


 55.1150, 48.5609,
60.5012


396.4770,
381.0111, 444.2985

 39.7280, 34.2713,
43.3948


 96.8568, 88.0389,
107.1069

 27.5098, 23.1021,
29.8613

 123.9423,
113.9962, 137.4432

 18.0950, 14.6689,
19.4822


155.6580,
144.6114, 173.0266

 11.1183, 8.5873,
11.8389

192.3692,
180.2690, 214.2756

 6.2144, 4.4730,
6.5129

234.4414,
221.3533, 261.6088

 3.0178, 1.9415,
3.0856

282.2399,

 1.1632, 0.5732,

268.2489, 315.4446

1.1385

336.1300,
321.3400, 376.2017

■ 0.0770, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1150, 48.5609,
60.5012

■ 55.1150, 48.5609,
60.5012

■ 50.1502, 40.4454,
53.2521

■ 60.8695, 58.1300,
68.3986

■ 45.9336, 33.7048,
46.6284

■ 67.4442, 69.2132,
76.9601

■ 42.4262, 28.2630,
40.6100

■ 74.8731, 81.8756,
86.2043

■ 39.5836, 24.0335,
35.1744

■ 81.8305, 93.4636,
95.6964

■ 37.3559, 20.9196,
30.2967

■ 83.3681, 94.0787,
103.7935

■ 35.6859, 18.8091,
25.9495

■ 84.2418, 94.4282,
108.3942

■ 34.5042, 17.5663,
22.1009

■ 33.9454, 17.0936,
19.9266

Harmonies

Analogous

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



52.4551, 48.5609, 73.4780



55.1150, 48.5609, 60.5012



55.2751, 48.5609, 47.3136

Triad

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



55.1150, 48.5609, 60.5012



44.1708, 48.5609, 31.9179



40.0279, 48.5609, 72.1023

Complementary

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



55.1150, 48.5609, 60.5012



52.7048, 65.2179, 60.8524

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.



38.0989, 48.5609, 58.8550



55.1150, 48.5609, 60.5012



40.3819, 48.5609, 36.5348

Square

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



55.1150, 48.5609, 60.5012



48.7470, 48.5609, 32.2095



38.2240, 48.5609, 45.9174



43.6578, 48.5609, 80.8977

Rectangle

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



55.1150, 48.5609, 60.5012



53.9260, 48.5609, 40.2222



38.2240, 48.5609, 45.9174



39.1701, 48.5609, 67.9357

Sweetspot

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



55.1164, 48.5631, 60.5022



88.3432, 88.6255, 100.3783



49.9056, 45.5290, 75.9706



18.7910, 18.7702, 21.3324



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.



55.1164, 48.5631, 60.5022



70.8934, 59.5758, 76.5267



52.3169, 47.4433, 45.7603



14.0194, 13.8254, 15.8724



20.0169, 10.0738, 12.0207



1.4324, 0.7163, 1.0701

Inverse Universe

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



55.1164, 48.5631, 60.5022



70.8934, 59.5758, 76.5267



55.9315, 66.5086, 77.8440



14.0194, 13.8254, 15.8724



20.0169, 10.0738, 12.0207



1.4324, 0.7163, 1.0701

Previews

White Background



This preview shows how the XYZ color 55.1150, 48.5609, 60.5012 looks on a white background.

Color Contrast Check

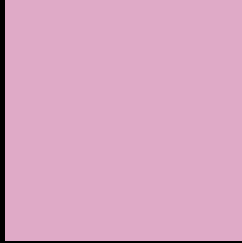
Large Text (above 18pt) WCAG AA × Fail

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 55.1150, 48.5609, 60.5012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

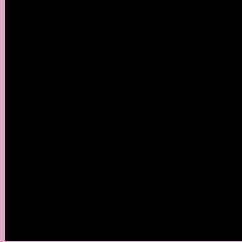
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1150, 48.5609, 60.5012

Background



This preview shows how black text looks on a background with the XYZ color 55.1150, 48.5609, 60.5012.



This preview shows how white text looks on a background with the XYZ color 55.1150, 48.5609,

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

55.1150, 48.5609, 60.5012

Protanopia

47.8171, 48.7801, 66.5698

Deuteranopia

49.6880, 48.6795, 59.6006



Tritanopia

53.4342, 48.4224, 52.9845

Trichromacy



Original Color

55.1150, 48.5609, 60.5012

Protanomaly

50.1655, 48.5183, 64.4786

Deuteranomaly

51.4505, 48.3933, 60.0552

Tritanomaly

54.0911, 48.4170, 55.7847

Monochromacy



Original Color

55.1150, 48.5609, 60.5012

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.4410, 49.7237, 57.3912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1150, 48.5609, 60.5012 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(223, 170, 199)` looks like.

```
.text, #text, p{  
    color:rgb(223, 170, 199)  
}
```

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(223, 170, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 170, 199) }
```

Border

The CSS property to change the border of an element to XYZ 55.1150, 48.5609, 60.5012 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(223, 170, 199) }
```


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

```
.border{ border-color:rgb(223, 170, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 170, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 170, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 170, 199);  
box-shadow:4px 4px 4px 4px rgb(223, 170,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1150, 48.5609, 60.5012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 170, 199) }
```

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

```
.background{ background-color: rgb(223,  
170, 199) }
```

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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