

Converting Colors

XYZ(55.9866, 50.5068, 73.0606)

Have a look what the booklet for
XYZ(55.9866, 50.5068, 73.0606)
contains.

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Color

**XYZ(55.9118, 50.4088,
73.1127)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B0DA
RGB	214, 176, 218
RGB Percent	84%, 69%, 85%
CMY	0.1608, 0.3098, 0.1451
CMYK	0.02, 0.19, 0.00, 0.15
HSL	294°, 36%, 77%
HSV	294°, 19%, 85%
XYZ	55.9118, 50.4088, 73.1127
YIQ	192.1500, 9.1660, 21.1180

Conversions

Conversions Part 2

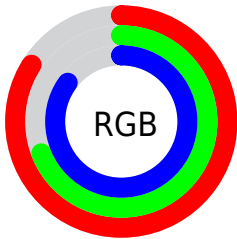
Format	Color
R_{YB}	214, 176, 218
Decimal	14069978
CIE _{Lab}	76.32, 21.02, -15.96
CIE _{LCh}	76, 26.393, 322.781
Yxy	50.4088, 0.3116, 0.2809
Android (android.graphics.Color)	4292260058 (0xFFD6B0DA)
YUV	192.1500, 12.7440, 19.1624
Hunter-Lab	70.9992, 16.3201, -11.3556

Details

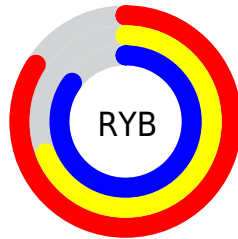
The XYZ color **55.9118, 50.4088, 73.1127** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.7321, 62.9820, 50.5070**, and the grayscale version is **50.1160, 52.7259, 57.4185**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **27.9919, 24.1812, 37.8424** is the 20% darker color. If you saturate the color by 10%, you get **51.3743, 42.2268, 71.7733**, and if you desaturate by 10%, it is **61.1465, 59.9719, 74.6834**.

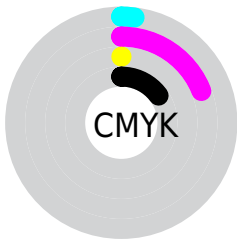
Distribution



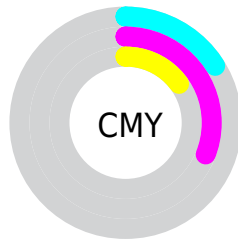
- Red (84%)
- Green (69%)
- Blue (85%)



- Red (84%)
- Yellow (69%)
- Blue (85%)



- Cyan (2%)
- Magenta (19%)
- Yellow (0%)
- Black (15%)





- Cyan (16%)
- Magenta (31%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.9118, 50.4088, 73.1127 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 55.9118, 50.4088, 73.1127 by changing the saturation by 10% instead.


 55.9118, 50.4088,
73.1127

 55.9118, 50.4088,
73.1127


399.4394,
388.2625, 490.4866

 40.3689, 35.7383,
53.5757


 98.0162, 90.7803,
125.3596

 28.0118, 24.2322,
37.8717

125.3084,
117.2501, 158.9066

 18.4751, 15.5059,
25.5821


157.2477,
148.4218, 197.9607

 11.3933, 9.1752,
16.2883

194.1996,
184.6797, 242.9404

 6.4013, 4.8557,
9.5718

236.5294,
226.4084, 294.2644

 3.1336, 2.1628,
5.0141

284.6024,

 1.2248, 0.6996,

273.9921, 352.3510

2.1967

338.7839,
327.8154, 417.6189

■ 0.1258, 0.0000,
0.6724

■ 0.0000, 0.0000,
0.0000

■ 55.9118, 50.4088,
73.1127

■ 55.9118, 50.4088,
73.1127

■ 51.3743, 42.2268,
71.7733

■ 61.1465, 59.9719,
74.6834

■ 47.4967, 35.3540,
70.6511

■ 67.1042, 70.9706,
76.4924

■ 44.2450, 29.7218,
69.7354

■ 73.8153, 83.4644,
78.5502

■ 41.5806, 25.2527,
69.0132

■ 78.6331, 92.1600,
79.9747

39.4604, 21.8606,
68.4702

79.2742, 92.4905,
80.0047

37.8352, 19.4475,
68.0901

79.9231, 92.8250,
80.0351

36.6471, 17.8972,
67.8534

80.5799, 93.1636,
80.0658

35.8012, 17.0201,
67.7287

81.2446, 93.5063,
80.0969

35.7437, 16.9646,
67.7211

81.9173, 93.8531,
80.1284

Harmonies

Analogous

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



51.6991, 50.4088, 84.1041



55.9118, 50.4088, 73.1127



58.0058, 50.4088, 58.3894

Triad

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



55.9118, 50.4088, 73.1127



49.1200, 50.4088, 32.0116



39.6489, 50.4088, 66.1519

Complementary

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



55.9118, 50.4088, 73.1127



51.7321, 62.9820, 50.5070

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.



39.0629, 50.4088, 51.5268



55.9118, 50.4088, 73.1127



44.3146, 50.4088, 33.3659

Square

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



55.9118, 50.4088, 73.1127



53.9128, 50.4088, 35.8890



40.7142, 50.4088, 39.9731



42.3739, 50.4088, 79.6260

Rectangle

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



55.9118, 50.4088, 73.1127



57.8235, 50.4088, 49.0653



40.7142, 50.4088, 39.9731



39.2033, 50.4088, 61.1511

Sweetspot

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



55.9133, 50.4110, 73.1138



89.8278, 90.3484, 107.3123



46.9232, 47.0179, 72.9327



19.1102, 19.1233, 22.9339



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.



55.9133, 50.4110, 73.1138



77.0837, 67.0739, 103.4915



55.0066, 50.1848, 62.1709



13.4858, 13.2085, 16.4909



21.4639, 10.1892, 40.5738



1.4268, 0.6788, 2.6303

Inverse Universe

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



52.6788, 49.2537, 49.9129



71.7120, 65.1592, 64.6346



52.5810, 63.2156, 59.7677



13.1062, 13.0716, 13.8203



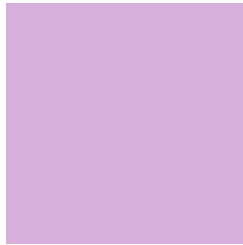
17.4196, 8.9689, 1.3237



1.1462, 0.5881, 0.1786

Previews

White Background



This preview shows how the XYZ color 55.9118, 50.4088, 73.1127 looks on a white background.

Color Contrast Check

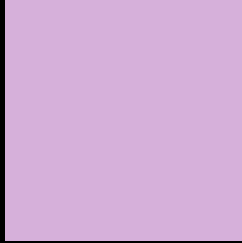
Large Text (above 18pt) WCAG AA × Fail

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 55.9118, 50.4088, 73.1127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

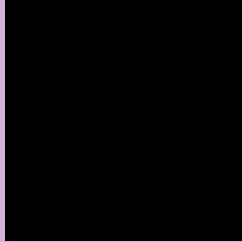
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.9118, 50.4088, 73.1127

Background



This preview shows how black text looks on a background with the XYZ color 55.9118, 50.4088, 73.1127.



This preview shows how white text looks on a background with the XYZ color 55.9118, 50.4088,

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

55.9118, 50.4088, 73.1127

Protanopia

50.1833, 50.6802, 78.3715

Deuteranopia

51.6572, 50.6282, 72.6952



Tritanopia

52.9228, 50.3864, 57.9752

Trichromacy



Original Color

55.9118, 50.4088, 73.1127

Protanomaly

51.8565, 50.3474, 76.0921

Deuteranomaly

53.1357, 50.4750, 72.5877

Tritanomaly

54.0510, 50.5490, 63.4081

Monochromacy



Original Color

55.9118, 50.4088, 73.1127

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.9209, 51.6142, 62.4844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9118, 50.4088, 73.1127 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(214, 176, 218)` looks like.

```
.text, #text, p{  
    color:rgb(214, 176, 218)  
}
```

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(214, 176, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 176, 218) }
```

Border

The CSS property to change the border of an element to XYZ 55.9118, 50.4088, 73.1127 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(214, 176, 218) }
```


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

```
.border{ border-color:rgb(214, 176, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 176, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 176, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 176, 218);  
box-shadow:4px 4px 4px 4px rgb(214, 176,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9118, 50.4088, 73.1127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 176, 218) }
```

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

```
.background{ background-color: rgb(214,  
176, 218) }
```

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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