

Converting Colors

XYZ(55.5182, 50.1306, 72.2295)

Have a look what the booklet for
XYZ(55.5182, 50.1306, 72.2295)
contains.

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Color

**XYZ(55.4903, 50.2066,
72.4118)**

Conversions

Conversions Part 1

Format	Color
Hex	D5B0D9
RGB	213, 176, 217
RGB Percent	84%, 69%, 85%
CMY	0.1647, 0.3098, 0.1490
CMYK	0.02, 0.19, 0.00, 0.15
HSL	294°, 35%, 77%
HSV	294°, 19%, 85%
XYZ	55.4903, 50.2066, 72.4118
YIQ	191.7370, 8.8910, 20.5950

Conversions

Conversions Part 2

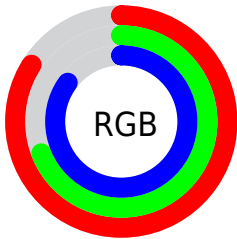
Format	Color
R _{YB}	213, 176, 217
Decimal	14004441
CIE Lab	76.20, 20.49, -15.62
CIE LCh	76, 25.766, 322.695
Yxy	50.2066, 0.3116, 0.2819
Android (android.graphics.Color)	4292194521 (0xFFD5B0D9)
YUV	191.7370, 12.4547, 18.6477
Hunter-Lab	70.8566, 15.7905, -10.9917

Details

The XYZ color **55.4903, 50.2066, 72.4118** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.4735, 62.4649, 50.4208**, and the grayscale version is **49.8770, 52.4745, 57.1447**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **27.7051, 24.0437, 37.3631** is the 20% darker color. If you saturate the color by 10%, you get **50.9614, 42.0536, 71.0776**, and if you desaturate by 10%, it is **60.7104, 59.7283, 73.9753**.

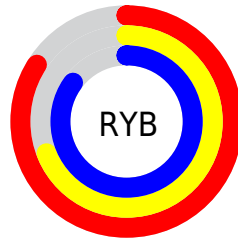
Distribution



Red (84%)

Green (69%)

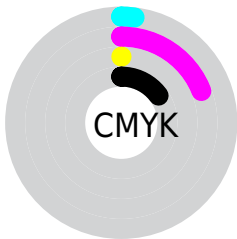
Blue (85%)



Red (84%)

Yellow (69%)

Blue (85%)

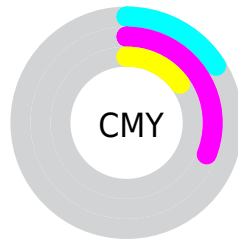


Cyan (2%)

Magenta (19%)

Yellow (0%)

Black (15%)



Cyan (16%)

Magenta (31%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4903, 50.2066, 72.4118 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 55.4903, 50.2066, 72.4118 by changing the saturation by 10% instead.

■ 55.4903, 50.2066,
72.4118

■ 55.4903, 50.2066,
72.4118

397.8741,
387.4733, 487.9897

■ 40.0298, 35.5776,
53.0062

■ 97.4031, 90.4809,
124.3550

■ 27.7461, 24.1081,
37.4200

124.5861,
116.8950, 157.7297

■ 18.2738, 15.4139,
25.2345

156.4073,
148.0062, 196.5979

■ 11.2476, 9.1104,
16.0313

193.2321,
184.1990, 241.3781

■ 6.3022, 4.8132,
9.3917

235.4258,
225.8577, 292.4888

■ 3.0721, 2.1381,
4.8972

283.3538,

■ 1.1920, 0.6859,

273.3667, 350.3486

2.1294

337.3814,
327.1105, 415.3761

■ 0.1000, 0.0000,
0.6332

■ 0.0000, 0.0000,
0.0000

■ 55.4903, 50.2066,
72.4118

■ 55.4903, 50.2066,
72.4118

■ 50.9614, 42.0536,
71.0776

■ 60.7104, 59.7283,
73.9753

■ 47.0867, 35.1982,
69.9586

■ 66.6472, 70.6724,
75.7748

■ 43.8331, 29.5730,
69.0443

■ 73.3306, 83.0976,
77.8209

■ 41.1622, 25.1015,
68.3219

■ 78.2466, 91.9758,
79.2754

39.0317, 21.6990,
67.7775

78.8971, 92.3112,
79.3059

37.3933, 19.2691,
67.3948

79.5558, 92.6507,
79.3367

36.1900, 17.6979,
67.1550

80.2227, 92.9945,
79.3679

35.3325, 16.8065,
67.0281

80.8978, 93.3425,
79.3995

35.2454, 16.7228,
67.0166

81.5811, 93.6948,
79.4315

Harmonies

Analogous

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



51.3915, 50.2066, 83.0415



55.4903, 50.2066, 72.4118



57.5313, 50.2066, 58.1166

Triad

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



55.4903, 50.2066, 72.4118



48.9098, 50.2066, 32.3112



39.6586, 50.2066, 65.5777

Complementary

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



55.4903, 50.2066, 72.4118



51.4735, 62.4649, 50.4208

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.



39.0926, 50.2066, 51.3556



55.4903, 50.2066, 72.4118



44.2275, 50.2066, 33.6264

Square

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



55.4903, 50.2066, 72.4118



53.5693, 50.2066, 36.1308



40.7110, 50.2066, 40.0865



42.3126, 50.2066, 78.6545

Rectangle

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



55.4903, 50.2066, 72.4118



57.3598, 50.2066, 49.0301



40.7110, 50.2066, 40.0865



39.2254, 50.2066, 60.7190

Sweetspot

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



55.4918, 50.2088, 72.4129



89.8148, 90.3417, 107.3117



46.7725, 46.9252, 72.2387



19.1071, 19.1217, 22.9338



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.



55.4918, 50.2088, 72.4129



77.0351, 67.0488, 103.4893



54.6378, 50.0029, 61.7854



13.4827, 13.2069, 16.4907



21.3856, 10.1488, 40.5702



1.4225, 0.6766, 2.6301

Inverse Universe

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



52.3806, 49.1000, 49.8989



71.7282, 65.1656, 64.7195



52.2779, 62.6806, 59.4471



13.1074, 13.0721, 13.8268



17.4227, 8.9701, 1.3400



1.1467, 0.5883, 0.1817

Previews

White Background



This preview shows how the XYZ color 55.4903, 50.2066, 72.4118 looks on a white background.

Color Contrast Check

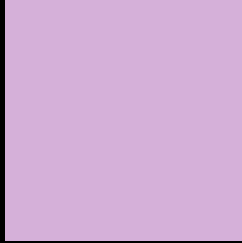
Large Text (above 18pt) WCAG AA × Fail

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 55.4903, 50.2066, 72.4118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

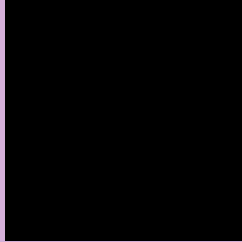
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4903, 50.2066, 72.4118

Background



This preview shows how black text looks on a background with the XYZ color 55.4903, 50.2066, 72.4118.



This preview shows how white text looks on a background with the XYZ color 55.4903, 50.2066,

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

55.4903, 50.2066, 72.4118

Protanopia

49.8358, 50.2029, 77.5845

Deuteranopia

51.3205, 50.1623, 71.9432



Tritanopia

52.6372, 50.2392, 57.9618

Trichromacy



Original Color

55.4903, 50.2066, 72.4118

Protanomaly

51.5173, 49.8828, 75.3197

Deuteranomaly

52.5353, 49.8797, 71.8246

Tritanomaly

53.6447, 50.3534, 62.7689

Monochromacy



Original Color

55.4903, 50.2066, 72.4118

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 55.4903, 50.2066, 72.4118 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(213, 176, 217)` looks like.

```
.text, #text, p{  
    color:rgb(213, 176, 217)  
}
```

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(213, 176, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 176, 217) }
```

Border

The CSS property to change the border of an element to XYZ 55.4903, 50.2066, 72.4118 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(213, 176, 217) }
```


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

```
.border{ border-color:rgb(213, 176, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 176, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 176, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 176, 217);  
box-shadow:4px 4px 4px 4px rgb(213, 176,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4903, 50.2066, 72.4118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 176, 217) }
```

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

```
.background{ background-color: rgb(213,  
176, 217) }
```

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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