

Converting Colors

XYZ(55.2112, 50.8593, 57.5788)

Have a look what the booklet for
XYZ(55.2112, 50.8593, 57.5788)
contains.

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Color

**XYZ(55.3648, 51.0632,
57.3902)**

Conversions

Conversions Part 1

Format	Color
Hex	DDB2C1
RGB	221, 178, 193
RGB Percent	87%, 70%, 76%
CMY	0.1333, 0.3019, 0.2431
CMYK	0.00, 0.19, 0.13, 0.13
HSL	339°, 39%, 78%
HSV	339°, 19%, 87%
XYZ	55.3648, 51.0632, 57.3902
YIQ	192.5670, 20.8130, 13.7810

Conversions

Conversions Part 2

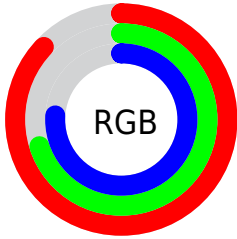
Format	Color
R _Y B	221, 178, 193
Decimal	14529217
CIE Lab	76.72, 17.93, -1.70
CIE LCh	77, 18.012, 354.589
Yxy	51.0632, 0.3380, 0.3117
Android (android.graphics.Color)	4292719297 (0xFFDDB2C1)
YUV	192.5670, 0.2135, 24.9357
Hunter-Lab	71.4585, 13.2462, 2.4036

Details

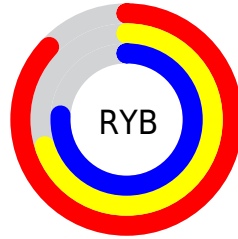
The XYZ color **55.3648, 51.0632, 57.3902** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.3591, 65.6354, 68.1468**, and the grayscale version is **50.4259, 53.0520, 57.7737**.

A 20% lighter version of the original color is **87.7617, 86.9452, 101.7791**, and **27.5843, 24.5600, 28.0976** is the 20% darker color. If you saturate the color by 10%, you get **49.7888, 42.3563, 47.9923**, and if you desaturate by 10%, it is **61.8084, 61.2539, 67.8494**.

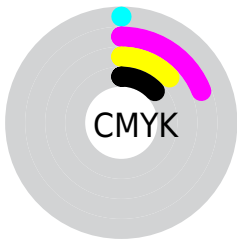
Distribution



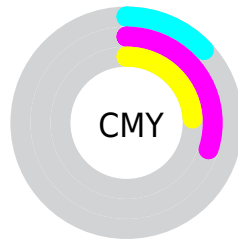
- Red (87%)
- Green (70%)
- Blue (76%)



- Red (87%)
- Yellow (70%)
- Blue (76%)



- Cyan (0%)
- Magenta (19%)
- Yellow (13%)
- Black (13%)





- Cyan (13%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.3648, 51.0632, 57.3902 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 55.3648, 51.0632, 57.3902 by changing the saturation by 10% instead.


 55.3648, 51.0632,
57.3902

 55.3648, 51.0632,
57.3902


397.4072,
390.8093, 432.4445

 39.9289, 36.2589,
40.9072

 97.2204, 91.7482,
102.5403

 27.6671, 24.6342,
27.9274


124.3709,
118.3977, 132.0444

 18.2140, 15.8047,
18.0324


156.1568,
149.7643, 166.7260

 11.2044, 9.3861,
10.8035

192.9437,
186.2326, 207.0036

 6.2728, 4.9939,
5.8224

235.0968,
228.1868, 253.2957

 3.0539, 2.2437,
2.6703

282.9815,

 1.1823, 0.7436,

276.0114, 306.0208

0.9284

336.9632,
330.0908, 365.5976

■ 0.0923, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3648, 51.0632,
57.3902

■ 55.3648, 51.0632,
57.3902

■ 49.7888, 42.3563,
47.9923

■ 61.8084, 61.2539,
67.8494

■ 45.0377, 35.0568,
39.6177

■ 69.1510, 72.9865,
79.3996

■ 41.0716, 29.0920,
32.2309

■ 77.4278, 86.3241,
92.0734

■ 37.8457, 24.3796,
25.7929

■ 82.9238, 93.8302,
104.6518

■ 35.3100, 20.8284,
20.2615

■ 83.6290, 94.1123,
108.3655

■ 33.4083, 18.3342,
15.5913

■ 32.0745, 16.7744,
11.7314

■ 31.2024, 15.9465,
8.6158

■ 31.1614, 15.9092,
8.4644

Harmonies

Analogous

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



54.0815, 51.0632, 67.2157



55.3648, 51.0632, 57.3902



54.7493, 51.0632, 48.1395

Triad

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



55.3648, 51.0632, 57.3902



45.8542, 51.0632, 40.2004



44.8300, 51.0632, 72.3668

Complementary

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



55.3648, 51.0632, 57.3902



55.3591, 65.6354, 68.1468

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.



42.8079, 51.0632, 63.7922



55.3648, 51.0632, 57.3902



43.3796, 51.0632, 45.4046

Square

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



55.3648, 51.0632, 57.3902



49.1555, 51.0632, 38.9089



42.2896, 51.0632, 53.8457



47.9179, 51.0632, 76.4872

Rectangle

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



55.3648, 51.0632, 57.3902



53.3591, 51.0632, 43.4212



42.2896, 51.0632, 53.8457



44.0089, 51.0632, 69.8644

Sweetspot

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



55.3662, 51.0655, 57.3913



88.7988, 89.9985, 99.1065



54.4131, 50.1784, 75.2247



18.8669, 19.0406, 20.9919



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.



55.3662, 51.0655, 57.3913



73.5581, 65.8976, 74.3559



55.0905, 53.0570, 49.4597



13.2426, 13.1261, 14.5389



18.1505, 9.2612, 5.1725



1.2158, 0.6160, 0.5454

Inverse Universe

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



55.3662, 51.0655, 57.3913



73.5581, 65.8976, 74.3559



55.5989, 63.0588, 77.6483



13.2426, 13.1261, 14.5389



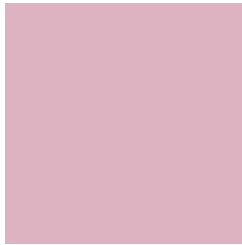
18.1505, 9.2612, 5.1725



1.2158, 0.6160, 0.5454

Previews

White Background



This preview shows how the XYZ color 55.3648, 51.0632, 57.3902 looks on a white background.

Color Contrast Check

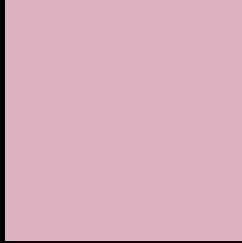
Large Text (above 18pt) WCAG AA × Fail

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 55.3648, 51.0632, 57.3902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

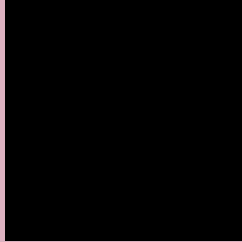
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.3648, 51.0632, 57.3902

Background



This preview shows how black text looks on a background with the XYZ color 55.3648, 51.0632, 57.3902.



This preview shows how white text looks on a background with the XYZ color 55.3648, 51.0632,

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

55.3648, 51.0632, 57.3902

Protanopia

49.5272, 51.0371, 61.2736

Deuteranopia

52.3870, 51.3521, 57.0200



Tritanopia

55.2536, 51.0187, 56.8046

Trichromacy



Original Color

55.3648, 51.0632, 57.3902

Protanomaly

51.3059, 50.7297, 59.9110

Deuteranomaly

53.3938, 51.2587, 56.9489

Tritanomaly

55.2536, 51.0187, 56.8046

Monochromacy



Original Color

55.3648, 51.0632, 57.3902

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.2375, 52.5132, 57.8349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3648, 51.0632, 57.3902 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(221, 178, 193) looks like.

```
.text, #text, p{  
    color:rgb(221, 178, 193)  
}
```

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(221, 178, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 178, 193) }
```

Border

The CSS property to change the border of an element to XYZ 55.3648, 51.0632, 57.3902 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(221, 178, 193) }
```


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

```
.border{ border-color:rgb(221, 178, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 178, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 178, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 178, 193);  
box-shadow:4px 4px 4px 4px rgb(221, 178,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3648, 51.0632, 57.3902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 178, 193) }
```

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

```
.background{ background-color: rgb(221,  
178, 193) }
```

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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