

Converting Colors

XYZ(55.7878, 53.1159, 60.0248)

Have a look what the booklet for
XYZ(55.7878, 53.1159, 60.0248)
contains.

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Color

**XYZ(55.8338, 53.0639,
60.1229)**

Conversions

Conversions Part 1

Format	Color
Hex	D9B8C5
RGB	217, 184, 197
RGB Percent	85%, 72%, 77%
CMY	0.1490, 0.2784, 0.2274
CMYK	0.00, 0.15, 0.09, 0.15
HSL	336°, 30%, 79%
HSV	336°, 15%, 85%
XYZ	55.8338, 53.0639, 60.1229
YIQ	195.3490, 15.4950, 11.0390

Conversions

Conversions Part 2

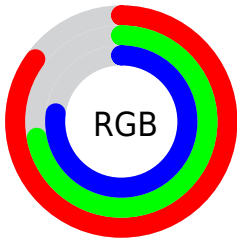
Format	Color
R _Y B	217, 184, 197
Decimal	14268613
CIE Lab	77.91, 13.96, -2.16
CIE LCh	78, 14.122, 351.194
Yxy	53.0639, 0.3303, 0.3139
Android (android.graphics.Color)	4292458693 (0xFFD9B8C5)
YUV	195.3490, 0.8139, 18.9879
Hunter-Lab	72.8450, 9.3370, 2.0562

Details

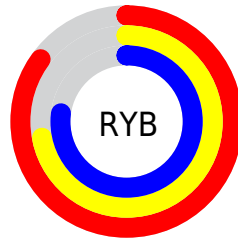
The XYZ color **55.8338, 53.0639, 60.1229** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.4812, 64.1771, 66.5931**, and the grayscale version is **52.0699, 54.7816, 59.6572**.

A 20% lighter version of the original color is **90.2895, 90.7359, 106.5210**, and **27.9745, 25.8972, 29.5108** is the 20% darker color. If you saturate the color by 10%, you get **50.2255, 44.1545, 51.1395**, and if you desaturate by 10%, it is **62.2681, 63.4135, 70.0318**.

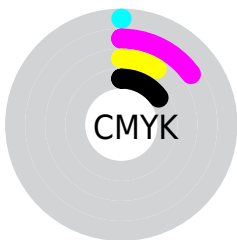
Distribution



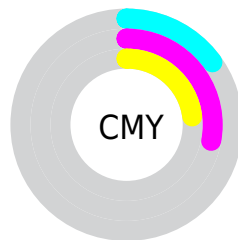
- Red (85%)
- Green (72%)
- Blue (77%)



- Red (85%)
- Yellow (72%)
- Blue (77%)



- Cyan (0%)
- Magenta (15%)
- Yellow (9%)
- Black (15%)



- Cyan (15%)
- Magenta (28%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8338, 53.0639, 60.1229 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 55.8338, 53.0639, 60.1229 by changing the saturation by 10% instead.

■ 55.8338, 53.0639,
60.1229

■ 55.8338, 53.0639,
60.1229

399.1500,
398.5302, 442.8678

■ 40.3062, 37.8538,
43.0918

■ 97.9028, 94.6984,
106.5530

■ 27.9626, 25.8692,
29.6252

125.1748,
121.8916, 136.7891

■ 18.4378, 16.7258,
19.3046

157.0923,
153.8479, 172.2639

■ 11.3663, 10.0392,
11.7116

194.0207,
190.9517, 213.3960

■ 6.3829, 5.4250,
6.4274

236.3253,
233.5874, 260.6039

■ 3.1221, 2.4987,
3.0337

284.3715,

■ 1.2187, 0.8760,

282.1395, 314.3062

1.1119

338.5246,
336.9923, 374.9213

■ 0.1210, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.8338, 53.0639,
60.1229

■ 55.8338, 53.0639,
60.1229

■ 50.2255, 44.1545,
51.1395

■ 62.2681, 63.4135,
70.0318

■ 45.4039, 36.6140,
43.0500

■ 69.5564, 75.2563,
80.8894

■ 41.3333, 30.3758,
35.8260

■ 77.7312, 88.6514,
92.7226

■ 37.9730, 25.3647,
29.4361

■ 81.5703, 93.1498,
103.8056

■ 35.2788, 21.4978,
23.8467

■ 82.4256, 93.4919,
108.3092

■ 33.2006, 18.6820,
19.0215

■ 31.6811, 16.8090,
14.9203

■ 30.6505, 15.7466,
11.4980

■ 30.2740, 15.4152,
10.0724

Harmonies

Analogous

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



54.6619, 53.0639, 67.7785



55.8338, 53.0639, 60.1229



55.5189, 53.0639, 52.4828

Triad

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



55.8338, 53.0639, 60.1229



48.5513, 53.0639, 44.7979



47.1995, 53.0639, 70.3767

Complementary

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



55.8338, 53.0639, 60.1229



55.4812, 64.1771, 66.5931

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.



45.6725, 53.0639, 63.4169



55.8338, 53.0639, 60.1229



46.4331, 53.0639, 48.8122

Square

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



55.8338, 53.0639, 60.1229



51.2481, 53.0639, 44.0891



45.3971, 53.0639, 55.4940



49.6319, 53.0639, 74.0411

Rectangle

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



55.8338, 53.0639, 60.1229



54.5128, 53.0639, 48.3822



45.3971, 53.0639, 55.4940



46.5670, 53.0639, 68.3167

Sweetspot

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



55.8353, 53.0663, 60.1240



89.8971, 91.6454, 101.1670



54.5139, 52.1024, 72.8299



19.0921, 19.3740, 21.4273



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.



55.8353, 53.0663, 60.1240



77.9548, 72.4659, 82.6810



55.1029, 53.8829, 52.8464



13.2674, 13.1360, 14.6692



18.3747, 9.3509, 6.3529



1.2320, 0.6225, 0.6309

Inverse Universe

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



55.8353, 53.0663, 60.1240



77.9548, 72.4659, 82.6810



56.2640, 63.1429, 74.8687



13.2674, 13.1360, 14.6692



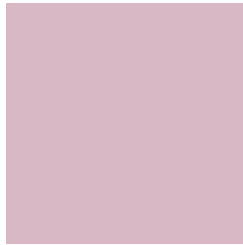
18.3747, 9.3509, 6.3529



1.2320, 0.6225, 0.6309

Previews

White Background



This preview shows how the XYZ color 55.8338, 53.0639, 60.1229 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 55.8338, 53.0639, 60.1229 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 55.8338, 53.0639, 60.1229

Background



This preview shows how black text looks on a background with the XYZ color 55.8338, 53.0639, 60.1229.



This preview shows how white text looks on a background with the XYZ color 55.8338, 53.0639,

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

55.8338, 53.0639, 60.1229

Protanopia

51.7584, 53.4329, 63.4627

Deuteranopia

54.3125, 53.2278, 59.6360



Tritanopia

55.9488, 53.1099, 60.7285

Trichromacy



Original Color

55.8338, 53.0639, 60.1229

Protanomaly

52.9800, 53.1219, 62.1048

Deuteranomaly

54.9633, 53.2495, 59.6058

Tritanomaly

55.9488, 53.1099, 60.7285

Monochromacy



Original Color

55.8338, 53.0639, 60.1229

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.2232, 53.9436, 59.8316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8338, 53.0639, 60.1229 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(217, 184, 197)` looks like.

```
.text, #text, p{  
    color:rgb(217, 184, 197)  
}
```

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(217, 184, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 184, 197) }
```

Border

The CSS property to change the border of an element to XYZ 55.8338, 53.0639, 60.1229 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(217, 184, 197) }
```


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

```
.border{ border-color:rgb(217, 184, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 184, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 184, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 184, 197);  
box-shadow:4px 4px 4px 4px rgb(217, 184,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8338, 53.0639, 60.1229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 184, 197) }
```

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

```
.background{ background-color: rgb(217,  
184, 197) }
```

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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