

Converting Colors

XYZ(54.9639, 52.8610, 58.2852)

Have a look what the booklet for
XYZ(54.9639, 52.8610, 58.2852)
contains.

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Color

**XYZ(55.1109, 53.0400,
58.3720)**

Conversions

Conversions Part 1

Format	Color
Hex	D7B9C2
RGB	215, 185, 194
RGB Percent	84%, 73%, 76%
CMY	0.1569, 0.2745, 0.2392
CMYK	0.00, 0.14, 0.10, 0.16
HSL	342°, 27%, 78%
HSV	342°, 14%, 84%
XYZ	55.1109, 53.0400, 58.3720
YIQ	194.9960, 14.9910, 9.1590

Conversions

Conversions Part 2

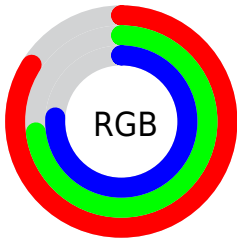
Format	Color
R _Y B	215, 185, 194
Decimal	14137794
CIE Lab	77.90, 12.20, -0.58
CIE LCh	78, 12.215, 357.289
Yxy	53.0400, 0.3310, 0.3185
Android (android.graphics.Color)	4292327874 (0xFFD7B9C2)
YUV	194.9960, -0.4910, 17.5435
Hunter-Lab	72.8286, 7.6247, 3.4591

Details

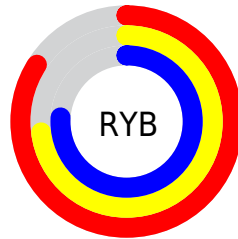
The XYZ color **55.1109, 53.0400, 58.3720** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.4507, 63.3728, 67.7052**, and the grayscale version is **51.8672, 54.5683, 59.4249**.

A 20% lighter version of the original color is **89.9506, 91.0727, 103.2804**, and **27.4821, 25.8696, 28.3558** is the 20% darker color. If you saturate the color by 10%, you get **49.3432, 44.0739, 48.5274**, and if you desaturate by 10%, it is **61.7330, 63.4395, 69.3475**.

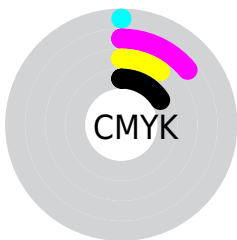
Distribution



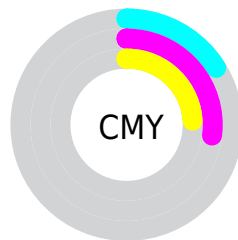
- Red (84%)
- Green (73%)
- Blue (76%)



- Red (84%)
- Yellow (73%)
- Blue (76%)



- Cyan (0%)
- Magenta (14%)
- Yellow (10%)
- Black (16%)





- Cyan (16%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1109, 53.0400, 58.3720 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 55.1109, 53.0400, 58.3720 by changing the saturation by 10% instead.


 55.1109, 53.0400,
58.3720

 55.1109, 53.0400,
58.3720


396.4618,
398.4386, 436.2076

 39.7247, 37.8347,
41.6911


 96.8508, 94.6632,
103.9845

 27.5072, 25.8544,
28.5357


123.9352,
121.8499, 133.7532

 18.0931, 16.7148,
18.4873

155.6498,
153.7993, 168.7216

 11.1169, 10.0313,
11.1274

192.3598,
190.8956, 209.3082

 6.2134, 5.4197,
6.0373

234.4306,
233.5232, 255.9315

 3.0172, 2.4956,
2.7986

282.2277,

 1.1628, 0.8744,

282.0667, 309.0102

0.9928

336.1163,
336.9104, 368.9627

■ 0.0767, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1109, 53.0400,
58.3720

■ 55.1109, 53.0400,
58.3720

■ 49.3432, 44.0739,
48.5274

■ 61.7330, 63.4395,
69.3475

■ 44.3899, 36.4713,
39.7735

■ 69.2383, 75.3244,
81.4856

■ 40.2145, 30.1669,
32.0724

■ 77.6599, 88.7527,
94.8209

■ 36.7756, 25.0873,
25.3829

■ 81.7075, 93.1364,
107.6121

■ 34.0282, 21.1516,
19.6607

■ 81.8346, 93.1872,
108.2815

■ 31.9220, 18.2692,
14.8580

■ 30.3992, 16.3355,
10.9225

■ 29.3907, 15.2240,
7.7951

■ 28.9638, 14.8229,
6.2572

Harmonies

Analogous

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



54.3517, 53.0400, 65.1074



55.1109, 53.0400, 58.3720



54.5790, 53.0400, 51.9633

Triad

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



55.1109, 53.0400, 58.3720



48.3491, 53.0400, 46.8962



47.9864, 53.0400, 69.4632

Complementary

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



55.1109, 53.0400, 58.3720



55.4507, 63.3728, 67.7052

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.



46.4645, 53.0400, 63.9544



55.1109, 53.0400, 58.3720



46.6692, 53.0400, 50.9717

Square

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



55.1109, 53.0400, 58.3720



50.6291, 53.0400, 45.6538



45.9898, 53.0400, 57.1355



50.1974, 53.0400, 71.8174

Rectangle

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



55.1109, 53.0400, 58.3720



53.5727, 53.0400, 48.6693



45.9898, 53.0400, 57.1355



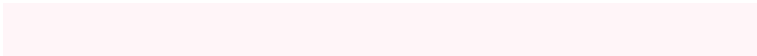
47.3799, 53.0400, 67.8988

Sweetspot

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



55.1124, 53.0423, 58.3731



90.7534, 93.2124, 101.9010



55.0701, 52.7285, 71.5658



19.2571, 19.6866, 21.5360



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.



55.1124, 53.0423, 58.3731



78.2391, 73.5894, 81.0655



55.4139, 55.2137, 53.6384



12.5750, 12.4815, 13.7023



17.3648, 8.8822, 3.9590



1.0837, 0.5503, 0.4299

Inverse Universe

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



55.1124, 53.0423, 58.3731



78.2391, 73.5894, 81.0655



55.0756, 60.8231, 73.1279



12.5750, 12.4815, 13.7023



17.3648, 8.8822, 3.9590



1.0837, 0.5503, 0.4299

Previews

White Background



This preview shows how the XYZ color 55.1109, 53.0400, 58.3720 looks on a white background.

Color Contrast Check

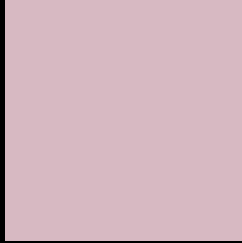
Large Text (above 18pt) WCAG AA × Fail

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 55.1109, 53.0400, 58.3720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

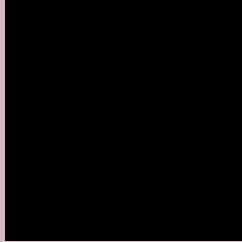
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1109, 53.0400, 58.3720

Background



This preview shows how black text looks on a background with the XYZ color 55.1109, 53.0400, 58.3720.



This preview shows how white text looks on a background with the XYZ color 55.1109, 53.0400,

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

55.1109, 53.0400, 58.3720

Protanopia

51.5484, 53.3786, 61.0123

Deuteranopia

54.3719, 53.2846, 58.4582



Tritanopia

55.7682, 53.0034, 61.3242

Trichromacy



Original Color

55.1109, 53.0400, 58.3720

Protanomaly

52.6328, 52.9830, 60.2760

Deuteranomaly

54.4479, 53.0099, 58.4012

Tritanomaly

55.5374, 52.9111, 60.1091

Monochromacy



Original Color

55.1109, 53.0400, 58.3720

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.8382, 53.7583, 59.2213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1109, 53.0400, 58.3720 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(215, 185, 194)` looks like.

```
.text, #text, p{  
    color:rgb(215, 185, 194)  
}
```

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(215, 185, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 185, 194) }
```

Border

The CSS property to change the border of an element to XYZ 55.1109, 53.0400, 58.3720 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(215, 185, 194) }
```


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

```
.border{ border-color:rgb(215, 185, 194) }
```

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

Here you see how a box with a 4 pixel rgb(215, 185, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 185, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 185, 194);  
box-shadow:4px 4px 4px 4px rgb(215, 185,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1109, 53.0400, 58.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 185, 194) }
```

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

```
.background{ background-color: rgb(215,  
185, 194) }
```

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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