

Converting Colors

XYZ(58.9159, 59.1737, 56.0861)

Have a look what the booklet for
XYZ(58.9159, 59.1737, 56.0861)
contains.

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Color

**XYZ(59.0900, 59.3912,
55.9262)**

Conversions

Conversions Part 1

Format	Color
Hex	DDC6BC
RGB	221, 198, 188
RGB Percent	87%, 78%, 74%
CMY	0.1333, 0.2235, 0.2627
CMYK	0.00, 0.10, 0.15, 0.13
HSL	18°, 33%, 80%
HSV	18°, 15%, 87%
XYZ	59.0900, 59.3912, 55.9262
YIQ	203.7370, 16.9180, 1.7660

Conversions

Conversions Part 2

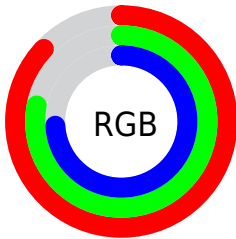
Format	Color
R _Y B	221, 202, 188
Decimal	14534332
CIE Lab	81.51, 6.45, 7.94
CIE LCh	82, 10.235, 50.910
Yxy	59.3912, 0.3388, 0.3405
Android (android.graphics.Color)	4292724412 (0xFFDDC6BC)
YUV	203.7370, -7.7583, 15.1397
Hunter-Lab	77.0657, 1.9997, 10.9195

Details

The XYZ color **59.0900, 59.3912, 55.9262** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0841, 62.4990, 77.4620**, and the grayscale version is **57.2698, 60.2523, 65.6147**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **30.0723, 29.8028, 27.0892** is the 20% darker color. If you saturate the color by 10%, you get **53.5451, 51.8262, 43.2103**, and if you desaturate by 10%, it is **65.3610, 67.8233, 70.6854**.

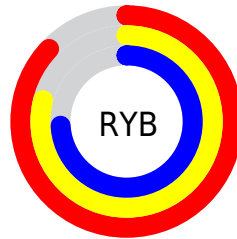
Distribution



Red (87%)

Green (78%)

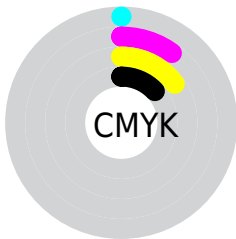
Blue (74%)



Red (87%)

Yellow (79%)

Blue (74%)

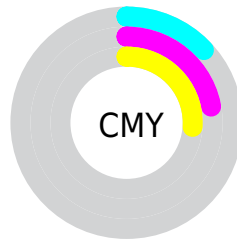


Cyan (0%)

Magenta (10%)

Yellow (15%)

Black (13%)



Cyan (13%)


Magenta (22%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.0900, 59.3912, 55.9262 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 59.0900, 59.3912, 55.9262 by changing the saturation by 10% instead.


 59.0900, 59.3912,
55.9262

 59.0900, 59.3912,
55.9262

411.1241,
422.3501, 426.7938

 42.9322, 42.9281,
39.7402


 102.6223,
103.9460, 100.3814

 30.0262, 29.8287,
27.0238


130.7276,
132.8065, 129.4876

 20.0067, 19.7086,
17.3585


163.5461,
166.5683, 163.7376

 12.5082, 12.1834,
10.3258

201.4431,
205.6158, 203.5500

 7.1654, 6.8687,
5.5071

244.7841,
250.3333, 249.3433

 3.6130, 3.3801,
2.4838

293.9343,

 1.4856, 1.3333,

301.1052, 301.5360

0.8316

349.2592,
358.3161, 360.5466

■ 0.3160, 0.1667,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0900, 59.3912,
55.9262

■ 59.0900, 59.3912,
55.9262

■ 53.5451, 51.8262,
43.2103

■ 65.3610, 67.8233,
70.6854

■ 48.6942, 45.0924,
32.4432

■ 72.3788, 77.1412,
87.5691

■ 44.5100, 39.1632,
23.5287

■ 80.1696, 87.3729,
106.6587

■ 40.9613, 34.0071,
16.3608

■ 83.6290, 94.1123,
108.3655

■ 38.0142, 29.5910,
10.8223

■ 35.6316, 25.8786,
6.7821

■ 33.7712, 22.8305,
4.0878

■ 32.3834, 20.4024,
2.5540

■ 31.8261, 19.3864,
2.0645

Harmonies

Analogous

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



60.3902, 59.3912, 60.5425



59.0900, 59.3912, 55.9262



57.1036, 59.3912, 53.6915

Triad

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



59.0900, 59.3912, 55.9262



52.4745, 59.3912, 62.8190



57.9343, 59.3912, 76.3392

Complementary

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



59.0900, 59.3912, 55.9262



57.0841, 62.4990, 77.4620

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.



55.8006, 59.3912, 77.0445



59.0900, 59.3912, 55.9262



52.6841, 59.3912, 68.9745

Square

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



59.0900, 59.3912, 55.9262



53.3088, 59.3912, 57.5020



53.8890, 59.3912, 74.2740



59.7113, 59.3912, 72.4036

Rectangle

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



59.0900, 59.3912, 55.9262



55.6726, 59.3912, 53.7491



53.8890, 59.3912, 74.2740



57.2337, 59.3912, 76.9713

Sweetspot

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



59.0916, 59.3938, 55.9275



91.2252, 94.9089, 99.7374



59.5731, 56.0475, 69.3728



19.3760, 20.1143, 20.9906



0.0000, 0.0000, 0.0000



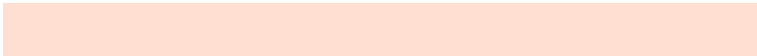
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.0916, 59.3938, 55.9275



79.1527, 78.6518, 71.3960



63.0445, 67.2995, 57.2451



13.3763, 13.6920, 13.6634



18.5757, 11.4369, 1.2285



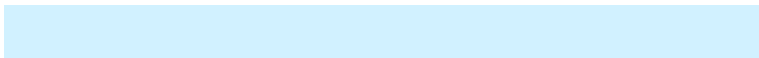
1.2781, 0.8903, 0.1045

Inverse Universe

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



57.0841, 62.4990, 77.4620



75.8533, 83.7508, 106.7754



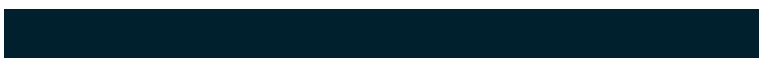
53.2165, 54.7638, 76.1728



13.0944, 14.1285, 16.6891



14.3986, 16.6667, 42.1965



1.0073, 1.2287, 2.7585

Previews

White Background



This preview shows how the XYZ color 59.0900, 59.3912, 55.9262 looks on a white background.

Color Contrast Check

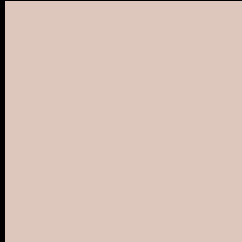
Large Text (above 18pt) WCAG AA × Fail

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 59.0900, 59.3912, 55.9262 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 59.0900, 59.3912, 55.9262

Background



This preview shows how black text looks on a background with the XYZ color 59.0900, 59.3912, 55.9262.



This preview shows how white text looks on a background with the XYZ color 59.0900, 59.3912,

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

59.0900, 59.3912, 55.9262

Protanopia

56.7093, 59.5141, 57.2137

Deuteranopia

60.4956, 59.4416, 55.8619



Tritanopia

61.8884, 59.5307, 69.2015

Trichromacy



Original Color

59.0900, 59.3912, 55.9262

Protanomaly

57.5125, 59.5935, 56.6156

Deuteranomaly

60.0947, 59.5709, 55.9080

Tritanomaly

60.8320, 59.4321, 64.1425

Monochromacy



Original Color

59.0900, 59.3912, 55.9262

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.8919, 60.0199, 61.9599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0900, 59.3912, 55.9262 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, 198, 188)` looks like.

```
.text, #text, p{  
    color:rgb(221, 198, 188)  
}
```

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, 198, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 198, 188) }
```

Border

The CSS property to change the border of an element to XYZ 59.0900, 59.3912, 55.9262 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, 198, 188) }
```


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

```
.border{ border-color:rgb(221, 198, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 198, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 198, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 198, 188); box-shadow:4px 4px 4px 4px rgb(221, 198, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0900, 59.3912, 55.9262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 198, 188) }
```

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

```
.background{ background-color: rgb(221,  
198, 188) }
```

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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