

Converting Colors

XYZ(59.2643, 63.4145, 58.1182)

Have a look what the booklet for
XYZ(59.2643, 63.4145, 58.1182)
contains.

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Color

**XYZ(59.3558, 63.3596,
58.3914)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D1BF
RGB	212, 209, 191
RGB Percent	83%, 82%, 75%
CMY	0.1686, 0.1804, 0.2510
CMYK	0.00, 0.01, 0.10, 0.17
HSL	51°, 20%, 79%
HSV	51°, 10%, 83%
XYZ	59.3558, 63.3596, 58.3914
YIQ	207.8450, 7.5660, -4.9620

Conversions

Conversions Part 2

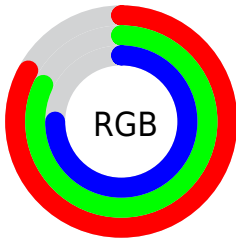
Format	Color
RYB	195, 212, 191
Decimal	13947327
CIELab	83.63, -2.07, 9.29
CIELCh	84, 9.515, 102.549
Yxy	63.3596, 0.3277, 0.3498
Android (android.graphics.Color)	4292137407 (0xFFD4D1BF)
YUV	207.8450, -8.3046, 3.6439
Hunter-Lab	79.5987, -6.1926, 12.2256

Details

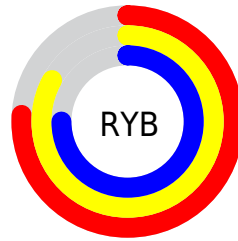
The XYZ color **59.3558, 63.3596, 58.3914** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.6611, 54.4123, 70.0150**, and the grayscale version is **59.9039, 63.0236, 68.6327**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **30.2134, 32.4458, 28.7150** is the 20% darker color. If you saturate the color by 10%, you get **56.4553, 61.0255, 46.7354**, and if you desaturate by 10%, it is **62.6116, 65.8625, 71.8335**.

Distribution



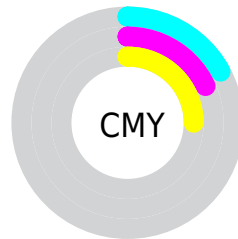
- Red (83%)
- Green (82%)
- Blue (75%)



- Red (76%)
- Yellow (83%)
- Blue (75%)



- Cyan (0%)
- Magenta (1%)
- Yellow (10%)
- Black (17%)



- Cyan (17%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3558, 63.3596, 58.3914 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 59.3558, 63.3596, 58.3914 by changing the saturation by 10% instead.

■ 59.3558, 63.3596,
58.3914

■ 59.3558, 63.3596,
58.3914

412.0921,
436.8734, 436.2817

■ 43.1471, 46.1322,
41.7066

■ 103.0063,
109.6881, 104.0130

■ 30.1956, 32.3501,
28.5478

131.1787,
139.5581, 133.7869

■ 20.1359, 21.6291,
18.4964

164.0698,
174.4109, 168.7609

■ 12.6027, 13.5846,
11.1338

202.0449,
214.6311, 209.3536

■ 7.2306, 7.8323,
6.0416

245.4693,
260.6031, 255.9835

■ 3.6544, 3.9878,
2.8012

294.7084,

■ 1.5085, 1.6668,

312.7112, 309.0691

0.9940

350.1275,
371.3398, 369.0290

■ 0.3316, 0.4020,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3558, 63.3596,
58.3914

■ 59.3558, 63.3596,
58.3914

■ 56.4553, 61.0255,
46.7354

■ 62.6116, 65.8625,
71.8335

■ 53.8904, 58.8460,
36.7853

■ 66.2312, 68.5316,
87.1291

■ 51.6473, 56.8174,
28.4608

■ 70.2291, 71.3747,
104.3472

■ 49.7091, 54.9330,
21.6738

■ 71.0850, 72.9839,
104.9485

■ 48.0575, 53.1853,
16.3274

■ 71.8912, 74.5963,
105.2172

■ 46.6718, 51.5658,
12.3142

■ 72.7118, 76.2376,
105.4907

■ 45.5286, 50.0652,
9.5112

■ 73.5470, 77.9079,
105.7691

■ 44.6004, 48.6722,
7.7731

■ 74.3968, 79.6075,
106.0524

■ 43.8373, 47.3667,
6.8380

■ 75.2612, 81.3364,
106.3405

Harmonies

Analogous

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



61.4299, 63.3596, 58.6188



59.3558, 63.3596, 58.3914



57.5548, 63.3596, 60.8819

Triad

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



59.3558, 63.3596, 58.3914



57.3202, 63.3596, 77.0344



64.1215, 63.3596, 72.4833

Complementary

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



59.3558, 63.3596, 58.3914



52.6611, 54.4123, 70.0150

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.



62.9691, 63.3596, 77.7830



59.3558, 63.3596, 58.3914



59.0289, 63.3596, 80.5128

Square

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



59.3558, 63.3596, 58.3914



56.3979, 63.3596, 71.5089



61.0954, 63.3596, 80.7944



64.2140, 63.3596, 66.5267

Rectangle

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



59.3558, 63.3596, 58.3914



56.7384, 63.3596, 63.8367



61.0954, 63.3596, 80.7944



63.8441, 63.3596, 74.4089

Sweetspot

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



59.3575, 63.3624, 58.3928



93.4954, 98.8227, 102.4261



55.5374, 55.1613, 58.8482



19.9248, 21.0856, 21.5624



0.0000, 0.0000, 0.0000



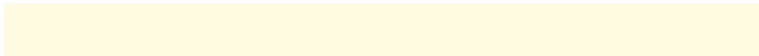
20.3446, 21.4041, 23.3091

Same Dimension

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



59.3575, 63.3624, 58.3928



89.1321, 95.4301, 84.5278



58.0285, 63.7786, 58.5432



13.3148, 14.2039, 13.2006



27.1147, 29.3467, 4.2354



1.6778, 1.8547, 0.2696

Inverse Universe

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



52.6611, 54.4123, 70.0150



76.8689, 79.0400, 105.8126



53.8963, 54.0693, 69.8837



11.8841, 12.2916, 15.6837



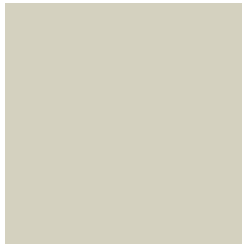
7.6707, 3.6032, 38.7444



0.5096, 0.3112, 2.3525

Previews

White Background



This preview shows how the XYZ color 59.3558, 63.3596, 58.3914 looks on a white background.

Color Contrast Check

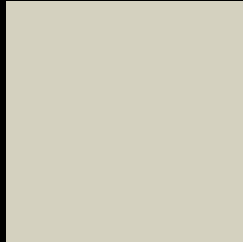
Large Text (above 18pt) WCAG AA × Fail

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 59.3558, 63.3596, 58.3914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

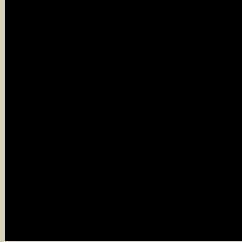
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

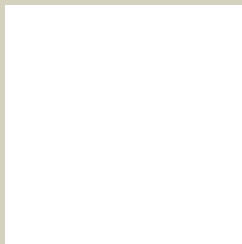
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.3558, 63.3596, 58.3914

Background



This preview shows how black text looks on a background with the XYZ color 59.3558, 63.3596, 58.3914.



This preview shows how white text looks on a background with the XYZ color 59.3558, 63.3596,

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

59.3558, 63.3596, 58.3914

Protanopia

60.1690, 63.4284, 57.7869

Deuteranopia

64.4440, 63.1160, 59.2381



Tritanopia

63.2014, 63.4820, 77.3288

Trichromacy



Original Color

59.3558, 63.3596, 58.3914

Protanomaly

59.8745, 63.2765, 57.7731

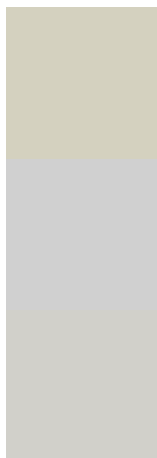
Deuteranomaly

62.4713, 63.1603, 58.7677

Tritanomaly

61.7285, 63.2428, 69.9264

Monochromacy



Original Color

59.3558, 63.3596, 58.3914

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.5110, 62.9313, 64.8875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3558, 63.3596, 58.3914 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(212, 209, 191) looks like.

```
.text, #text, p{  
    color:rgb(212, 209, 191)  
}
```

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(212, 209, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 209, 191) }
```

Border

The CSS property to change the border of an element to XYZ 59.3558, 63.3596, 58.3914 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(212, 209, 191) }
```


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

```
.border{ border-color:rgb(212, 209, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 209, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 209, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 209, 191);  
box-shadow:4px 4px 4px 4px rgb(212, 209,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3558, 63.3596, 58.3914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 209, 191) }
```

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

```
.background{ background-color: rgb(212,  
209, 191) }
```

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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