

Converting Colors

XYZ(59.4049, 62.9456, 58.1258)

Have a look what the booklet for
XYZ(59.4049, 62.9456, 58.1258)
contains.

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Color

**XYZ(59.4004, 63.0195,
58.3235)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D0BF
RGB	213, 208, 191
RGB Percent	84%, 82%, 75%
CMY	0.1647, 0.1843, 0.2510
CMYK	0.00, 0.02, 0.10, 0.16
HSL	46°, 21%, 79%
HSV	46°, 10%, 84%
XYZ	59.4004, 63.0195, 58.3235
YIQ	207.5570, 8.4370, -4.2270

Conversions

Conversions Part 2

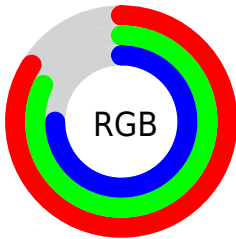
Format	Color
RYB	197, 213, 191
Decimal	14012607
CIELab	83.45, -1.19, 9.04
CIELCh	83, 9.121, 97.501
Yxy	63.0195, 0.3286, 0.3487
Android (android.graphics.Color)	4292202687 (0xFFD5D0BF)
YUV	207.5570, -8.1626, 4.7735
Hunter-Lab	79.3848, -5.3592, 12.0094

Details

The XYZ color **59.4004, 63.0195, 58.3235** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.2359, 55.3592, 70.8309**, and the grayscale version is **59.7163, 62.8262, 68.4177**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **30.2436, 32.2153, 28.6689** is the 20% darker color. If you saturate the color by 10%, you get **56.0641, 59.8288, 46.4756**, and if you desaturate by 10%, it is **63.1171, 66.4240, 71.9816**.

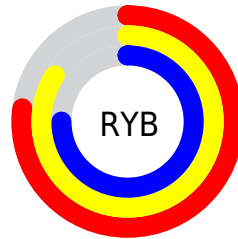
Distribution



Red (84%)

Green (82%)

Blue (75%)



Red (77%)

Yellow (84%)

Blue (75%)

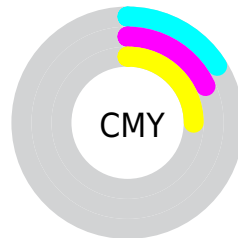


Cyan (0%)

Magenta (2%)

Yellow (10%)

Black (16%)



Cyan (16%)

Magenta (18%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4004, 63.0195, 58.3235 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 59.4004, 63.0195, 58.3235 by changing the saturation by 10% instead.

■ 59.4004, 63.0195,
58.3235

■ 59.4004, 63.0195,
58.3235

412.2544,
435.6403, 436.0222

■ 43.1831, 45.8570,
41.6524

■ 103.0707,
109.1976, 103.9132

■ 30.2240, 32.1330,
28.5056

131.2544,
138.9821, 133.6689

■ 20.1576, 21.4631,
18.4648

164.1577,
173.7426, 168.6231

■ 12.6186, 13.4629,
11.1113

202.1458,
213.8636, 209.1945

■ 7.2416, 7.7481,
6.0267

245.5842,
259.7294, 255.8016

■ 3.6613, 3.9342,
2.7922

294.8382,

■ 1.5124, 1.6368,

311.7246, 308.8628

0.9896

350.2731,
370.2334, 368.7969

■ 0.3342, 0.3822,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.4004, 63.0195,
58.3235

■ 59.4004, 63.0195,
58.3235

■ 56.0641, 59.8288,
46.4756

■ 63.1171, 66.4240,
71.9816

■ 53.0880, 56.8372,
36.3565

■ 67.2231, 70.0402,
87.5184

■ 50.4578, 54.0405,
27.8848

■ 71.7334, 73.8767,
105.0038

■ 48.1562, 51.4312,
20.9707

■ 73.0563, 76.4972,
105.5227

46.1643, 49.0013,
15.5159

74.4006, 79.1858,
105.9708

44.4608, 46.7417,
11.4109

75.7823, 81.9494,
106.4314

43.0217, 44.6422,
8.5305

77.2019, 84.7885,
106.9046

41.8185, 42.6910,
6.7263

78.6595, 87.7037,
107.3905

40.8300, 40.9246,
5.7473

80.1555, 90.6957,
107.8891

Harmonies

Analogous

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



61.3732, 63.0195, 58.9898



59.4004, 63.0195, 58.3235



57.6005, 63.0195, 60.2917

Triad

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



59.4004, 63.0195, 58.3235



56.9157, 63.0195, 75.5019



63.5005, 63.0195, 72.8937

Complementary

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



59.4004, 63.0195, 58.3235



53.2359, 55.3592, 70.8309

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.



62.2561, 63.0195, 77.6766



59.4004, 63.0195, 58.3235



58.4469, 63.0195, 79.2396

Square

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



59.4004, 63.0195, 58.3235



56.1868, 63.0195, 70.0569



60.3987, 63.0195, 80.0567



63.7695, 63.0195, 67.1980

Rectangle

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



59.4004, 63.0195, 58.3235



56.7309, 63.0195, 62.9007



60.3987, 63.0195, 80.0567



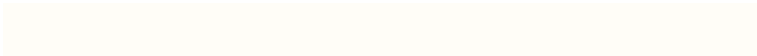
63.1811, 63.0195, 74.6707

Sweetspot

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



59.4021, 63.0223, 58.3249



93.2909, 98.4137, 102.3579



56.0511, 55.4002, 60.0441



19.8694, 20.9749, 21.5439



0.0000, 0.0000, 0.0000



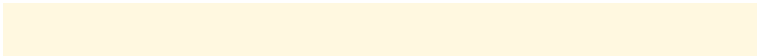
20.3446, 21.4041, 23.3091

Same Dimension

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



59.4021, 63.0223, 58.3249



88.3321, 93.8301, 84.2612



58.9683, 64.6353, 58.6591



13.2226, 14.0194, 13.1698



25.0206, 25.1584, 3.5373



1.5690, 1.6372, 0.2333

Inverse Universe

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



53.2359, 55.3592, 70.8309



77.5881, 80.4784, 106.0523



53.6329, 53.9190, 70.5319



11.9691, 12.4616, 15.7120



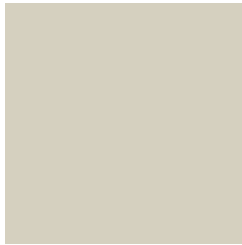
8.0552, 4.3722, 38.8725



0.5493, 0.3907, 2.3658

Previews

White Background



This preview shows how the XYZ color 59.4004, 63.0195, 58.3235 looks on a white background.

Color Contrast Check

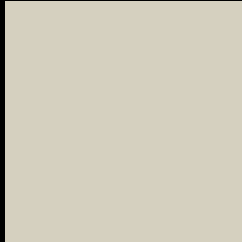
Large Text (above 18pt) WCAG AA × Fail

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 59.4004, 63.0195, 58.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

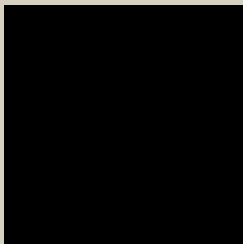
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

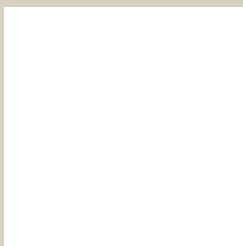
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.4004, 63.0195, 58.3235

Background



This preview shows how black text looks on a background with the XYZ color 59.4004, 63.0195, 58.3235.



This preview shows how white text looks on a background with the XYZ color 59.4004, 63.0195,

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

59.4004, 63.0195, 58.3235

Protanopia

60.0357, 62.9862, 58.2835

Deuteranopia

64.3328, 63.0715, 58.6525



Tritanopia

63.1264, 63.1048, 76.5635

Trichromacy



Original Color

59.4004, 63.0195, 58.3235

Protanomaly

59.7411, 62.8343, 58.2698

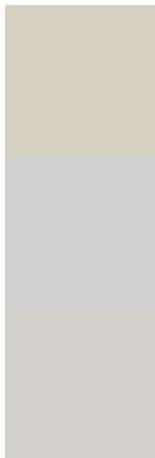
Deuteranomaly

62.4713, 63.1603, 58.7677

Tritanomaly

61.6588, 62.8650, 69.2060

Monochromacy



Original Color

59.4004, 63.0195, 58.3235

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.7949, 63.0777, 64.9008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4004, 63.0195, 58.3235 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(213, 208, 191) looks like.

```
.text, #text, p{  
    color:rgb(213, 208, 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(213, 208, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 208, 191) }
```

Border

The CSS property to change the border of an element to XYZ 59.4004, 63.0195, 58.3235 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(213, 208, 191) }
```


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

```
.border{ border-color:rgb(213, 208, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 208, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 208, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 208, 191);  
box-shadow:4px 4px 4px 4px rgb(213, 208,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4004, 63.0195, 58.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 208, 191) }
```

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

```
.background{ background-color: rgb(213,  
208, 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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