

Converting Colors

XYZ(59.3850, 63.2409, 58.9477)

Have a look what the booklet for
XYZ(59.3850, 63.2409, 58.9477)
contains.

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Color

**XYZ(59.4663, 63.4037,
58.9731)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D1C0
RGB	212, 209, 192
RGB Percent	83%, 82%, 75%
CMY	0.1686, 0.1804, 0.2471
CMYK	0.00, 0.01, 0.09, 0.17
HSL	51°, 19%, 79%
HSV	51°, 9%, 83%
XYZ	59.4663, 63.4037, 58.9731
YIQ	207.9590, 7.2450, -4.6510

Conversions

Conversions Part 2

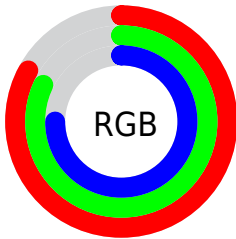
Format	Color
RYB	196, 212, 192
Decimal	13947328
CIELab	83.65, -1.90, 8.79
CIELCh	84, 8.994, 102.210
Yxy	63.4037, 0.3270, 0.3487
Android (android.graphics.Color)	4292137408 (0xFFD4D1C0)
YUV	207.9590, -7.8678, 3.5440
Hunter-Lab	79.6264, -6.0396, 11.8270

Details

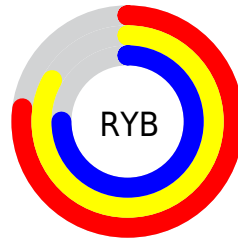
The XYZ color **59.4663, 63.4037, 58.9731** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.1371, 54.9894, 70.1016**, and the grayscale version is **59.9752, 63.0986, 68.7143**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **30.2862, 32.4749, 29.0981** is the 20% darker color. If you saturate the color by 10%, you get **56.5137, 60.9903, 47.2226**, and if you desaturate by 10%, it is **62.7764, 65.9891, 72.5136**.

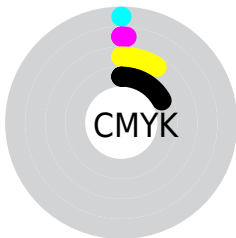
Distribution



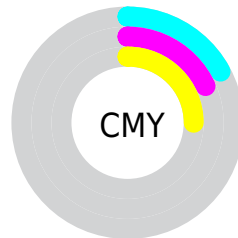
- Red (83%)
- Green (82%)
- Blue (75%)



- Red (77%)
- Yellow (83%)
- Blue (75%)



- Cyan (0%)
- Magenta (1%)
- Yellow (9%)
- Black (17%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4663, 63.4037, 58.9731 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 59.4663, 63.4037, 58.9731 by changing the saturation by 10% instead.

■ 59.4663, 63.4037,
58.9731

■ 59.4663, 63.4037,
58.9731

412.4941,
437.0331, 438.5013

■ 43.2364, 46.1679,
42.1716

■ 103.1658,
109.7517, 104.8673

■ 30.2660, 32.3783,
28.9091

131.3662,
139.6327, 134.7971

■ 20.1896, 21.6506,
18.7671

164.2874,
174.4975, 169.9400

■ 12.6420, 13.6004,
11.3270

202.2949,
214.7306, 210.7147

■ 7.2578, 7.8433,
6.1703

245.7539,
260.7163, 257.5396

■ 3.6716, 3.9948,
2.8784

295.0299,

■ 1.5181, 1.6707,

312.8390, 310.8333

1.0329

350.4882,
371.4832, 371.0144

■ 0.3381, 0.4046,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.4663, 63.4037,
58.9731

■ 59.4663, 63.4037,
58.9731

■ 56.5137, 60.9903,
47.2226

■ 62.7764, 65.9891,
72.5136

■ 53.8988, 58.7346,
37.1823

■ 66.4523, 68.7438,
87.9114

■ 51.6078, 56.6330,
28.7721

■ 70.4116, 71.6370,
104.7240

■ 49.6240, 54.6788,
21.9040

■ 71.2458, 73.3054,
105.0020

47.9291, 52.8643,
16.4820

72.0959, 75.0056,
105.2854

46.5025, 51.1813,
12.3989

72.9620, 76.7377,
105.5741

45.3210, 49.6204,
9.5327

73.8441, 78.5020,
105.8681

44.3573, 48.1704,
7.7394

74.7423, 80.2985,
106.1676

43.5646, 46.8125,
6.7741

75.6568, 82.1274,
106.4724

Harmonies

Analogous

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



61.4273, 63.4037, 59.2194



59.4663, 63.4037, 58.9731



57.7558, 63.4037, 61.3135

Triad

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



59.4663, 63.4037, 58.9731



57.5028, 63.4037, 76.5783



63.9399, 63.4037, 72.4013

Complementary

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



59.4663, 63.4037, 58.9731



53.1371, 54.9894, 70.1016

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.



62.8424, 63.4037, 77.3809



59.4663, 63.4037, 58.9731



59.1142, 63.4037, 79.8813

Square

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



59.4663, 63.4037, 58.9731



56.6388, 63.4037, 71.3541



61.0674, 63.4037, 80.1827



64.0392, 63.4037, 66.7684

Rectangle

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



59.4663, 63.4037, 58.9731



56.9763, 63.4037, 64.1038



61.0674, 63.4037, 80.1827



63.6744, 63.4037, 74.2146

Sweetspot

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



59.4680, 63.4065, 58.9745



93.4781, 98.7880, 102.4203



55.8522, 55.6374, 59.4260



19.9201, 21.0762, 21.5608



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.



59.4680, 63.4065, 58.9745



89.5323, 95.6714, 86.3844



58.2356, 63.8727, 59.1294



13.3070, 14.1881, 13.1979



26.9263, 28.9698, 4.1726



1.6681, 1.8354, 0.2663

Inverse Universe

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



53.1371, 54.9894, 70.1016



78.3313, 80.7798, 106.0713



54.2874, 54.5958, 69.9650



11.8913, 12.3060, 15.6861



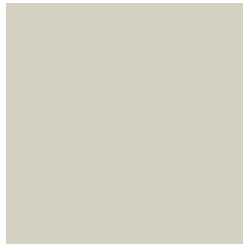
7.6969, 3.6555, 38.7531



0.5130, 0.3180, 2.3536

Previews

White Background



This preview shows how the XYZ color 59.4663, 63.4037, 58.9731 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 59.4663, 63.4037, 58.9731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

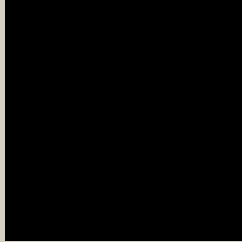
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

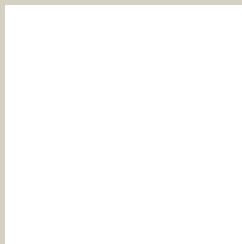
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.4663, 63.4037, 58.9731

Background



This preview shows how black text looks on a background with the XYZ color 59.4663, 63.4037, 58.9731.



This preview shows how white text looks on a background with the XYZ color 59.4663, 63.4037,

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

59.4663, 63.4037, 58.9731

Protanopia

60.2787, 63.4723, 58.3646

Deuteranopia

64.5559, 63.1608, 59.8277



Tritanopia

63.2014, 63.4820, 77.3288

Trichromacy



Original Color

59.4663, 63.4037, 58.9731

Protanomaly

59.9842, 63.3204, 58.3508

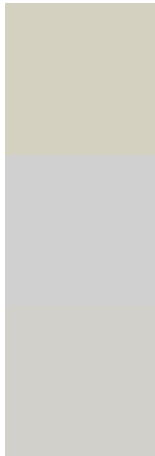
Deuteranomaly

62.5825, 63.2047, 59.3534

Tritanomaly

61.7285, 63.2428, 69.9264

Monochromacy



Original Color

59.4663, 63.4037, 58.9731

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 59.4663, 63.4037, 58.9731 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, 192) looks like.

```
.text, #text, p{  
    color:rgb(212, 209, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 209, 192) }
```

Border

The CSS property to change the border of an element to XYZ 59.4663, 63.4037, 58.9731 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, 192) }
```


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

```
.border{ border-color:rgb(212, 209, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 209, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 209, 192);  
box-shadow:4px 4px 4px 4px rgb(212, 209,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4663, 63.4037, 58.9731 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, 192) }
```

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

```
.background{ background-color: rgb(212,  
209, 192) }
```

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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