

Converting Colors

XYZ(57.9248, 59.5493, 62.0665)

Have a look what the booklet for
XYZ(57.9248, 59.5493, 62.0665)
contains.

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Color

**XYZ(57.9437, 59.6994,
61.8953)**

Conversions

Conversions Part 1

Format	Color
Hex	D3C9C6
RGB	211, 201, 198
RGB Percent	83%, 79%, 78%
CMY	0.1725, 0.2117, 0.2235
CMYK	0.00, 0.05, 0.06, 0.17
HSL	14°, 13%, 80%
HSV	14°, 6%, 83%
XYZ	57.9437, 59.6994, 61.8953
YIQ	203.6480, 6.9230, 1.1870

Conversions

Conversions Part 2

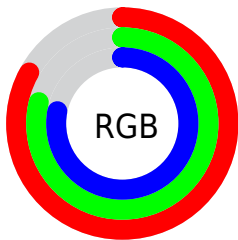
Format	Color
R_{YB}	211, 202, 198
Decimal	13879750
CIE Lab	81.67, 2.95, 2.73
CIE LCh	82, 4.018, 42.752
Yxy	59.6994, 0.3227, 0.3325
Android (android.graphics.Color)	4292069830 (0xFFD3C9C6)
YUV	203.6480, -2.7845, 6.4477
Hunter-Lab	77.2654, -1.3518, 6.5901

Details

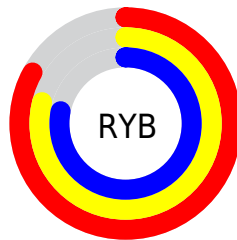
The XYZ color **57.9437, 59.6994, 61.8953** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6025, 61.8198, 70.5253**, and the grayscale version is **57.1877, 60.1660, 65.5207**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.1781, 29.9490, 30.6284** is the 20% darker color. If you saturate the color by 10%, you get **52.0933, 51.6254, 48.7625**, and if you desaturate by 10%, it is **64.5361, 68.7133, 76.9496**.

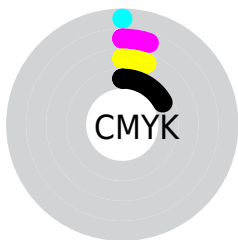
Distribution



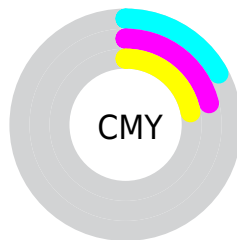
- Red (83%)
- Green (79%)
- Blue (78%)



- Red (83%)
- Yellow (79%)
- Blue (78%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (17%)



- Cyan (17%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9437, 59.6994, 61.8953 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 57.9437, 59.6994, 61.8953 by changing the saturation by 10% instead.

■ 57.9437, 59.6994,
61.8953

■ 57.9437, 59.6994,
61.8953

406.9334,
423.4889, 449.5462

■ 42.0065, 43.1764,
44.5129

100.9643,
104.3935, 109.1443

■ 29.2975, 30.0235,
30.7338

128.7784,
133.3334, 139.8480

■ 19.4514, 19.8565,
20.1394

161.2822,
167.1810, 175.8291

■ 12.1028, 12.2907,
12.3114

198.8409,
206.3207, 217.5063

■ 6.8864, 6.9420,
6.8310

241.8201,
251.1370, 265.2981

■ 3.4369, 3.4259,
3.2798

290.5850,

■ 1.3888, 1.3579,

302.0142, 319.6230

1.2392

345.5009,
359.3367, 380.8995

■ 0.2482, 0.1854,
0.0112

■ 0.0000, 0.0000,
0.0000

■ 57.9437, 59.6994,
61.8953

■ 57.9437, 59.6994,
61.8953

■ 52.0933, 51.6254,
48.7625

■ 64.5361, 68.7133,
76.9496

■ 46.9536, 44.4533,
37.4699

■ 71.8904, 78.6882,
93.9946

■ 42.4984, 38.1537,
27.9360

■ 79.0006, 89.2416,
107.6693

■ 38.6979, 32.6928,
20.0715

■ 80.6743, 92.5891,
108.2272

■ 35.5201, 28.0346,
13.7795

■ 32.9302, 24.1405,
8.9529

■ 30.8897, 20.9682,
5.4709

■ 29.3549, 18.4714,
3.1936

■ 28.2739, 16.5973,
1.9460

Harmonies

Analogous

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



58.3417, 59.6994, 63.9810



57.9437, 59.6994, 61.8953



57.2255, 59.6994, 60.6599

Triad

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



57.9437, 59.6994, 61.8953



55.2052, 59.6994, 63.6328



57.1018, 59.6994, 69.6464

Complementary

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



57.9437, 59.6994, 61.8953



57.6025, 61.8198, 70.5253

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.



56.2622, 59.6994, 69.5476



57.9437, 59.6994, 61.8953



55.1728, 59.6994, 66.0348

Square

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



57.9437, 59.6994, 61.8953



55.6469, 59.6994, 61.6458



55.5580, 59.6994, 68.2120



57.8524, 59.6994, 68.4789

Rectangle

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



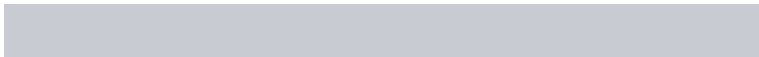
57.9437, 59.6994, 61.8953



56.6645, 59.6994, 60.4654



55.5580, 59.6994, 68.2120



56.8205, 59.6994, 69.7610

Sweetspot

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



57.9454, 59.7020, 61.8966



93.0013, 97.1992, 104.2199



58.4667, 58.8011, 68.0619



19.9276, 20.8340, 22.3564



0.0000, 0.0000, 0.0000



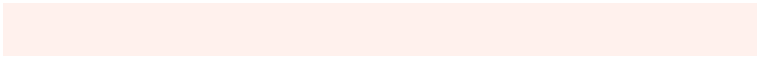
20.3446, 21.4041, 23.3091

Same Dimension

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



57.9454, 59.7020, 61.8966



88.0845, 90.4562, 93.0530



59.4475, 62.7063, 62.3973



12.2717, 12.5816, 12.8930



16.9341, 9.8013, 0.9993



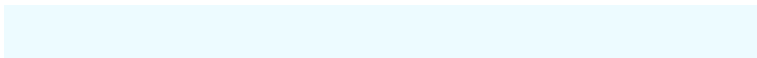
1.0088, 0.6720, 0.0765

Inverse Universe

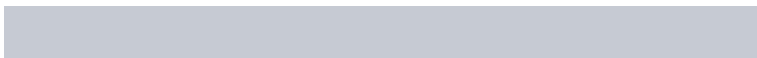
The Inverse Universe completely reimagines the original color for something new.



57.6025, 61.8198, 70.5253



87.4836, 94.1672, 108.1729



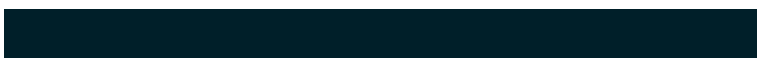
56.0938, 58.8025, 70.0224



12.1825, 13.1322, 15.1363



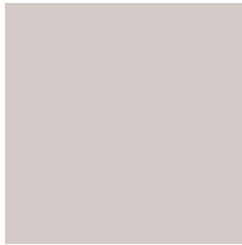
15.0009, 18.6484, 40.0014



0.8965, 1.1583, 2.2559

Previews

White Background



This preview shows how the XYZ color 57.9437, 59.6994, 61.8953 looks on a white background.

Color Contrast Check

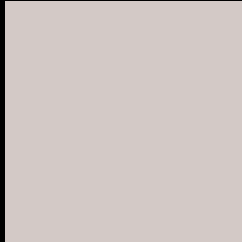
Large Text (above 18pt) WCAG AA × Fail

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 57.9437, 59.6994, 61.8953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

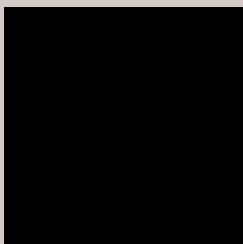
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

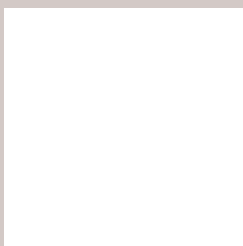
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.9437, 59.6994, 61.8953

Background



This preview shows how black text looks on a background with the XYZ color 57.9437, 59.6994, 61.8953.

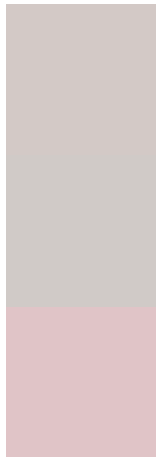


This preview shows how white text looks on a background with the XYZ color 57.9437, 59.6994,

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

57.9437, 59.6994, 61.8953

Protanopia

57.4418, 59.7745, 62.5430

Deuteranopia

60.7892, 59.4507, 62.3040



Tritanopia

60.0016, 59.8480, 72.0077

Trichromacy



Original Color

57.9437, 59.6994, 61.8953

Protanomaly

57.7238, 59.9199, 62.5562

Deuteranomaly

59.7163, 59.5718, 62.3839

Tritanomaly

59.1908, 59.8597, 68.1089

Monochromacy



Original Color

57.9437, 59.6994, 61.8953

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.7487, 60.2415, 64.4612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9437, 59.6994, 61.8953 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(211, 201, 198) looks like.

```
.text, #text, p{  
    color:rgb(211, 201, 198)  
}
```

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(211, 201, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 201, 198) }
```

Border

The CSS property to change the border of an element to XYZ 57.9437, 59.6994, 61.8953 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(211, 201, 198) }
```


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

```
.border{ border-color:rgb(211, 201, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 201, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 201, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 201, 198); box-shadow:4px 4px 4px 4px rgb(211, 201, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9437, 59.6994, 61.8953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 201, 198) }
```

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

```
.background{ background-color: rgb(211,  
201, 198) }
```

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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