

Converting Colors

XYZ(59.8384, 62.9625, 67.2739)

Have a look what the booklet for
XYZ(59.8384, 62.9625, 67.2739)
contains.

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Color

**XYZ(59.9909, 63.1233,
67.4147)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D0CE
RGB	209, 208, 206
RGB Percent	82%, 82%, 81%
CMY	0.1804, 0.1843, 0.1922
CMYK	0.00, 0.00, 0.01, 0.18
HSL	40°, 3%, 81%
HSV	40°, 1%, 82%
XYZ	59.9909, 63.1233, 67.4147
YIQ	208.0710, 1.2380, -0.4100

Conversions

Conversions Part 2

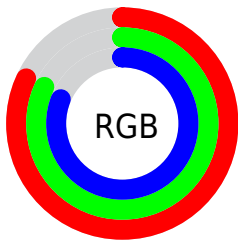
Format	Color
R _Y B	208, 209, 206
Decimal	13750478
CIE Lab	83.51, -0.01, 1.10
CIE LCh	84, 1.102, 90.731
Yxy	63.1233, 0.3149, 0.3313
Android (android.graphics.Color)	4291940558 (0xFFD1D0CE)
YUV	208.0710, -1.0210, 0.8147
Hunter-Lab	79.4502, -4.2568, 5.3066

Details

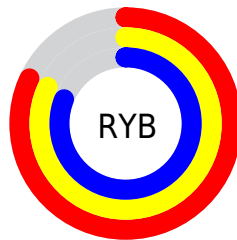
The XYZ color **59.9909, 63.1233, 67.4147** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.2750, 62.3499, 69.2329**, and the grayscale version is **60.0076, 63.1327, 68.7515**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.7407, 32.3468, 34.3291** is the 20% darker color. If you saturate the color by 10%, you get **55.9645, 58.8665, 54.3678**, and if you desaturate by 10%, it is **64.4326, 67.6687, 82.2673**.

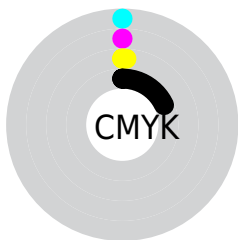
Distribution



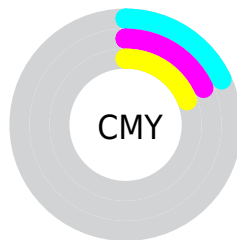
- Red (82%)
- Green (82%)
- Blue (81%)



- Red (82%)
- Yellow (82%)
- Blue (81%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)



- Cyan (18%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9909, 63.1233, 67.4147 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 59.9909, 63.1233, 67.4147 by changing the saturation by 10% instead.

■ 59.9909, 63.1233,
67.4147

■ 59.9909, 63.1233,
67.4147

414.3995,
436.0168, 469.9611

■ 43.6607, 45.9410,
48.9580

103.9229,
109.3474, 117.1607

■ 30.6006, 32.1992,
34.2208

132.2554,
139.1579, 149.2871

■ 20.4453, 21.5137,
22.7845

165.3194,
173.9466, 186.8072

■ 12.8293, 13.5000,
14.2307

203.4803,
214.0979, 230.1394

■ 7.3873, 7.7738,
8.1407

247.1034,
259.9962, 279.7024

■ 3.7539, 3.9505,
4.0961

296.5541,

■ 1.5639, 1.6459,

312.0258, 335.9146

1.6782

352.1977,
370.5713, 399.1947

■ 0.3687, 0.3883,
0.3457

■ 0.0000, 0.0000,
0.0000

■ 59.9909, 63.1233,
67.4147

■ 59.9909, 63.1233,
67.4147

■ 55.9645, 58.8665,
54.3678

■ 64.4326, 67.6687,
82.2673

■ 52.3338, 54.8830,
43.0525

■ 69.2977, 72.5013,
98.9875

■ 49.0856, 51.1679,
33.3957

■ 72.3152, 76.7162,
105.6040

■ 46.2039, 47.7133,
25.3173

■ 74.2719, 80.6296,
106.2563

■ 43.6712, 44.5105,
18.7307

■ 76.3062, 84.6983,
106.9344

■ 41.4685, 41.5504,
13.5408

■ 78.4190, 88.9238,
107.6386

■ 39.5747, 38.8229,
9.6414

■ 80.1048, 92.2955,
108.2006

■ 37.9657, 36.3167,
6.9110

■ 36.6130, 34.0185,
5.2045

Harmonies

Analogous

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



60.2232, 63.1233, 67.5816



59.9909, 63.1233, 67.4147



59.7608, 63.1233, 67.5984

Triad

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



59.9909, 63.1233, 67.4147



59.6002, 63.1233, 69.4096



60.4011, 63.1233, 69.3801

Complementary

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



59.9909, 63.1233, 67.4147



59.2750, 62.3499, 69.2329

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.



60.2334, 63.1233, 69.8753



59.9909, 63.1233, 67.4147



59.7710, 63.1233, 69.8924

Square

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



59.9909, 63.1233, 67.4147



59.5356, 63.1233, 68.7475



60.0027, 63.1233, 70.0634



60.4604, 63.1233, 68.7136

Rectangle

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



59.9909, 63.1233, 67.4147



59.6395, 63.1233, 67.8956



60.0027, 63.1233, 70.0634



60.3555, 63.1233, 69.5723

Sweetspot

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



59.9927, 63.1260, 67.4161

95.0500, 100.0000, 108.9000



59.6291, 62.2039, 67.8961



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



59.9927, 63.1260, 67.4161



93.7018, 98.6002, 104.4534



60.0950, 63.5404, 67.4907



13.1299, 13.8161, 14.6648



22.0531, 20.0392, 2.7056



1.3043, 1.2629, 0.1750

Inverse Universe

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



59.2750, 62.3499, 69.2329



92.1213, 96.8912, 108.4543



59.1735, 61.9405, 69.1592



12.9239, 13.5934, 15.1863



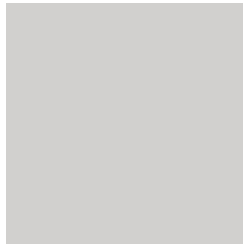
8.5042, 5.6550, 37.8358



0.5478, 0.4607, 2.1396

Previews

White Background



This preview shows how the XYZ color 59.9909, 63.1233, 67.4147 looks on a white background.

Color Contrast Check

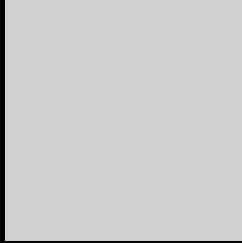
Large Text (above 18pt) WCAG AA × Fail

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 59.9909, 63.1233, 67.4147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

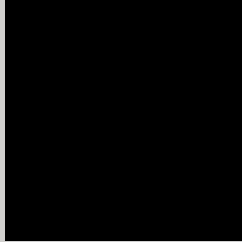
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

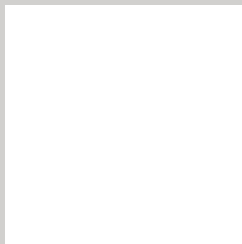
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.9909, 63.1233, 67.4147

Background



This preview shows how black text looks on a background with the XYZ color 59.9909, 63.1233, 67.4147.

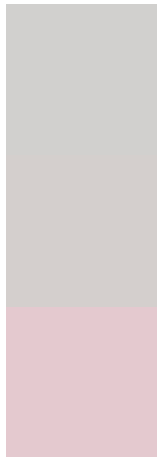


This preview shows how white text looks on a background with the XYZ color 59.9909, 63.1233,

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

59.9909, 63.1233, 67.4147

Protanopia

60.4836, 63.0305, 66.7359

Deuteranopia

64.1440, 62.7723, 67.7670



Tritanopia

62.1201, 63.2654, 78.0446

Trichromacy



Original Color

59.9909, 63.1233, 67.4147

Protanomaly

60.1962, 62.8823, 66.7224

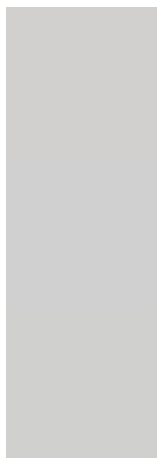
Deuteranomaly

62.6741, 63.0629, 67.9006

Tritanomaly

61.2858, 63.2852, 73.9509

Monochromacy



Original Color

59.9909, 63.1233, 67.4147

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.8308, 63.0266, 68.0434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9909, 63.1233, 67.4147 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(209, 208, 206) looks like.

```
.text, #text, p{  
    color:rgb(209, 208, 206)  
}
```

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(209, 208, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 208, 206) }
```

Border

The CSS property to change the border of an element to XYZ 59.9909, 63.1233, 67.4147 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(209, 208, 206) }
```

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

```
.border{ border-color:rgb(209, 208, 206) }
```

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

Here you see how a box with a 4 pixel rgb(209, 208, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 208, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 208, 206);  
box-shadow:4px 4px 4px 4px rgb(209, 208,  
206) }
```


Background

The CSS property to change the background color of an element to XYZ 59.9909, 63.1233, 67.4147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 208, 206) }
```

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

```
.background{ background-color: rgb(209,  
208, 206) }
```

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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