

Converting Colors

XYZ(59.5337, 62.3400, 68.0316)

Have a look what the booklet for
XYZ(59.5337, 62.3400, 68.0316)
contains.

XYZ(59.5877, 62.5405, 67.9624)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(59.5877, 62.5405,
67.9624)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CFCF
RGB	208, 207, 207
RGB Percent	82%, 81%, 81%
CMY	0.1843, 0.1882, 0.1882
CMYK	0.00, 0.00, 0.00, 0.18
HSL	0°, 1%, 81%
HSV	0°, 0%, 82%
XYZ	59.5877, 62.5405, 67.9624
YIQ	207.2990, 0.5960, 0.2120

Conversions

Conversions Part 2

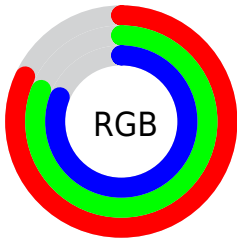
Format	Color
R _Y B	208, 207, 207
Decimal	13684687
CIE Lab	83.20, 0.35, 0.11
CIE LCh	83, 0.365, 17.875
Yxy	62.5405, 0.3135, 0.3290
Android (android.graphics.Color)	4291874767 (0xFFD0CFCF)
YUV	207.2990, -0.1474, 0.6148
Hunter-Lab	79.0826, -3.8970, 4.4048

Details

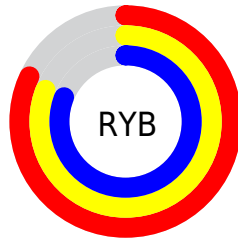
The XYZ color **59.5877, 62.5405, 67.9624** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.6732, 62.9304, 68.6770**, and the grayscale version is **59.5030, 62.6018, 68.1734**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.4674, 31.9524, 34.6986** is the 20% darker color. If you saturate the color by 10%, you get **52.5145, 52.1985, 53.8742**, and if you desaturate by 10%, it is **67.6588, 74.3403, 84.0376**.

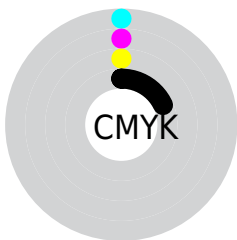
Distribution



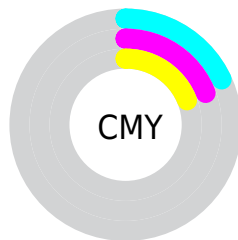
- Red (82%)
- Green (81%)
- Blue (81%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5877, 62.5405, 67.9624 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 59.5877, 62.5405, 67.9624 by changing the saturation by 10% instead.

■ 59.5877, 62.5405,
67.9624

■ 59.5877, 62.5405,
67.9624

412.9355,
433.8999, 471.9572

■ 43.3346, 45.4696,
49.4006

103.3411,
108.5063, 117.9521

■ 30.3434, 31.8275,
34.5696

131.5721,
138.1700, 150.2170

■ 20.2487, 21.2297,
23.0506

164.5264,
172.8001, 187.8869

■ 12.6853, 13.2920,
14.4252

202.5694,
212.7809, 231.3800

■ 7.2877, 7.6300,
8.2749

246.0665,
258.4969, 281.1151

■ 3.6906, 3.8591,
4.1811

295.3830,

■ 1.5286, 1.5951,

310.3325, 337.5107

1.7252

350.8842,
368.6721, 400.9852

■ 0.3452, 0.3543,
0.3779

■ 0.0000, 0.0000,
0.0000

■ 59.5877, 62.5405,
67.9624

■ 59.5877, 62.5405,
67.9624

■ 52.5145, 52.1985,
53.8742

■ 67.6588, 74.3403,
84.0376

■ 46.3954, 43.2502,
41.6919

■ 76.7587, 87.6431,
102.1684

■ 41.1911, 35.6385,
31.3350

■ 79.8228, 92.1501,
108.1874

■ 36.8577, 29.2992,
22.7155

■ 33.3478, 24.1629,
15.7385

■ 30.6091, 20.1537,
10.2995

■ 28.5837, 17.1869,
6.2825

■ 27.2054, 15.1660,
3.5549

■ 26.3955, 13.9764,
1.9591

Harmonies

Analogous

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



59.5917, 62.5405, 68.1875



59.5877, 62.5405, 67.9624



59.5449, 62.5405, 67.7735

Triad

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



59.5877, 62.5405, 67.9624



59.3302, 62.5405, 67.8043



59.4109, 62.5405, 68.5226

Complementary

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



59.5877, 62.5405, 67.9624



59.6732, 62.9304, 68.6770

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.



59.3409, 62.5405, 68.4195



59.5877, 62.5405, 67.9624



59.2943, 62.5405, 68.0045

Square

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



59.5877, 62.5405, 67.9624



59.3962, 62.5405, 67.6824



59.2983, 62.5405, 68.2297



59.4896, 62.5405, 68.5113

Rectangle

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



59.5877, 62.5405, 67.9624



59.5002, 62.5405, 67.6934



59.2983, 62.5405, 68.2297



59.3856, 62.5405, 68.5002

Sweetspot

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



59.5895, 62.5432, 67.9638

95.0500, 100.0000, 108.9000



59.7113, 62.5906, 68.6094



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.



59.5895, 62.5432, 67.9638



93.8368, 98.2262, 106.4836



59.7099, 62.7841, 68.0039



13.1475, 13.7674, 14.9296



16.2188, 8.3705, 0.7608



0.9080, 0.4704, 0.0429

Inverse Universe

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



59.6732, 62.9304, 68.6770



94.1152, 99.5139, 108.8554



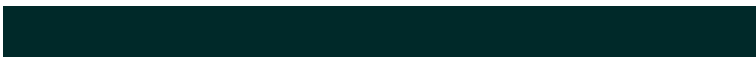
59.5524, 62.6887, 68.6367



13.1838, 13.9352, 15.2386



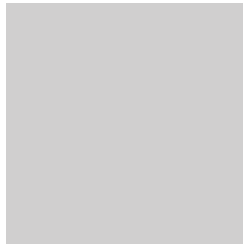
21.0458, 30.7383, 42.0163



1.1779, 1.7210, 2.3497

Previews

White Background



This preview shows how the XYZ color 59.5877, 62.5405, 67.9624 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 59.5877, 62.5405, 67.9624 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

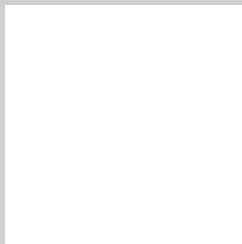
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.5877, 62.5405, 67.9624

Background



This preview shows how black text looks on a background with the XYZ color 59.5877, 62.5405, 67.9624.



This preview shows how white text looks on a background with the XYZ color 59.5877, 62.5405,

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

59.5877, 62.5405, 67.9624

Protanopia

60.1978, 62.4965, 67.9218

Deuteranopia

63.6358, 62.4961, 68.3835



Tritanopia

61.4608, 62.5847, 77.2473

Trichromacy



Original Color

59.5877, 62.5405, 67.9624

Protanomaly

59.9121, 62.3492, 67.9084

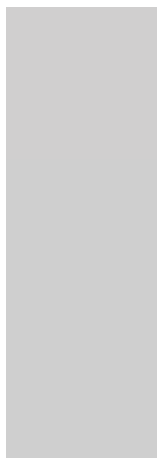
Deuteranomaly

61.9545, 62.3260, 68.4393

Tritanomaly

60.7605, 62.6558, 73.8571

Monochromacy



Original Color

59.5877, 62.5405, 67.9624

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.3074, 62.3960, 67.9493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5877, 62.5405, 67.9624 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(208, 207, 207) looks like.

```
.text, #text, p{  
    color:rgb(208, 207, 207)  
}
```

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(208, 207, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 207, 207) }
```

Border

The CSS property to change the border of an element to XYZ 59.5877, 62.5405, 67.9624 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(208, 207, 207) }
```

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

```
.border{ border-color:rgb(208, 207, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 207, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 207, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 207, 207);  
box-shadow:4px 4px 4px 4px rgb(208, 207,  
207) }
```


Background

The CSS property to change the background color of an element to XYZ 59.5877, 62.5405, 67.9624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 207, 207) }
```

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

```
.background{ background-color: rgb(208,  
207, 207) }
```

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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