

Converting Colors

XYZ(59.7707, 63.0192, 67.6219)

Have a look what the booklet for
XYZ(59.7707, 63.0192, 67.6219)
contains.

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Color

**XYZ(59.7089, 62.9779,
67.4015)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D0CE
RGB	208, 208, 206
RGB Percent	82%, 82%, 81%
CMY	0.1843, 0.1843, 0.1922
CMYK	0.00, 0.00, 0.01, 0.18
HSL	60°, 2%, 81%
HSV	60°, 1%, 82%
XYZ	59.7089, 62.9779, 67.4015
YIQ	207.7720, 0.6420, -0.6220

Conversions

Conversions Part 2

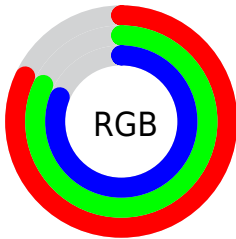
Format	Color
R_{YB}	206, 208, 206
Decimal	13684942
CIE Lab	83.43, -0.36, 0.98
CIE LCh	83, 1.044, 110.023
Yxy	62.9779, 0.3141, 0.3313
Android (android.graphics.Color)	4291875022 (0xFFD0D0CE)
YUV	207.7720, -0.8736, 0.2000
Hunter-Lab	79.3586, -4.5754, 5.1944

Details

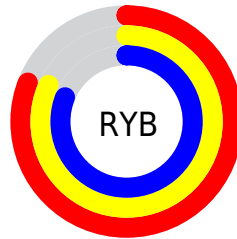
The XYZ color **59.7089, 62.9779, 67.4015** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.9125, 61.8202, 68.5052**, and the grayscale version is **59.8133, 62.9282, 68.5288**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.5495, 32.2482, 34.3202** is the 20% darker color. If you saturate the color by 10%, you get **57.3374, 62.0300, 54.9613**, and if you desaturate by 10%, it is **62.4185, 64.0650, 81.6058**.

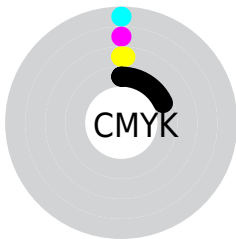
Distribution



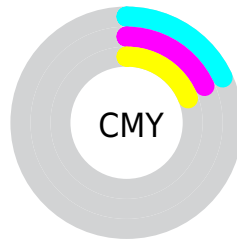
- Red (82%)
- Green (82%)
- Blue (81%)



- Red (81%)
- 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 59.7089, 62.9779, 67.4015 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 59.7089, 62.9779, 67.4015 by changing the saturation by 10% instead.

■ 59.7089, 62.9779,
67.4015

■ 59.7089, 62.9779,
67.4015

413.3759,
435.4893, 469.9129

■ 43.4326, 45.8233,
48.9473

103.5160,
109.1376, 117.1416

■ 30.4207, 32.1064,
34.2124

131.7776,
138.9116, 149.2647

■ 20.3078, 21.4428,
22.7781

164.7649,
173.6608, 186.7811

■ 12.7285, 13.4481,
14.2260

202.8434,
213.7696, 230.1095

■ 7.3176, 7.7378,
8.1375

246.3784,
259.6225, 279.6683

■ 3.7096, 3.9276,
4.0940

295.7352,

■ 1.5392, 1.6332,

311.6038, 335.8761

1.6771

351.2793,
370.0979, 399.1515

■ 0.3523, 0.3798,
0.3449

■ 0.0000, 0.0000,
0.0000

■ 59.7089, 62.9779,
67.4015

■ 59.7089, 62.9779,
67.4015

■ 57.3374, 62.0300,
54.9613

■ 62.4185, 64.0650,
81.6058

■ 55.2855, 61.2081,
44.2124

■ 65.4731, 65.2880,
97.6350

■ 53.5412, 60.5091,
35.0831

■ 66.6521, 65.7609,
103.7879

■ 52.0896, 59.9272,
27.4948

■ 66.6629, 65.7665,
103.7884

■ 50.9145, 59.4559,
21.3628

■ 66.6736, 65.7720,
103.7889

■ 49.9982, 59.0882,
16.5936

■ 66.6844, 65.7775,
103.7894

■ 49.3210, 58.8161,
13.0835

■ 66.6952, 65.7831,
103.7899

■ 48.8603, 58.6305,
10.7134

■ 66.7059, 65.7886,
103.7904

■ 48.5892, 58.5209,
9.3418

■ 66.7167, 65.7942,
103.7909

Harmonies

Analogous

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



59.9344, 62.9779, 67.3454



59.7089, 62.9779, 67.4015



59.5239, 62.9779, 67.7702

Triad

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



59.7089, 62.9779, 67.4015



59.5779, 62.9779, 69.5371



60.2906, 62.9779, 68.7896

Complementary

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



59.7089, 62.9779, 67.4015



58.9125, 61.8202, 68.5052

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.



60.1946, 62.9779, 69.3805



59.7089, 62.9779, 67.4015



59.7828, 62.9779, 69.8139

Square

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



59.7089, 62.9779, 67.4015



59.4484, 62.9779, 69.0022



60.0086, 62.9779, 69.7564



60.2707, 62.9779, 68.1440

Rectangle

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



59.7089, 62.9779, 67.4015



59.4483, 62.9779, 68.1450



60.0086, 62.9779, 69.7564



60.2708, 62.9779, 69.0013

Sweetspot

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



59.7107, 62.9806, 67.4029

95.0500, 100.0000, 108.9000



59.2263, 62.0103, 67.2411



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.



59.7107, 62.9806, 67.4029



94.6404, 99.8360, 106.7520



59.4309, 62.8364, 67.3898



13.2522, 13.9771, 14.9645



30.2046, 36.4400, 5.4417



1.6896, 2.0379, 0.3043

Inverse Universe

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



58.9125, 61.8202, 68.5052



93.3116, 97.9042, 108.5871



59.1905, 61.9635, 68.5182



13.0791, 13.7255, 15.2036



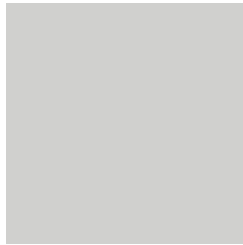
7.0997, 2.8403, 37.3665



0.3977, 0.1592, 2.0893

Previews

White Background



This preview shows how the XYZ color 59.7089, 62.9779, 67.4015 looks on a white background.

Color Contrast Check

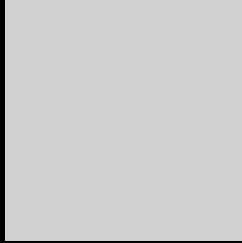
Large Text (above 18pt) WCAG AA × Fail

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 59.7089, 62.9779, 67.4015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

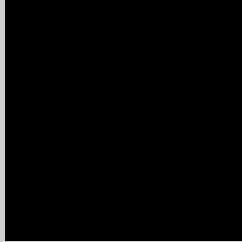
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

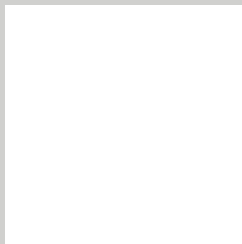
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.7089, 62.9779, 67.4015

Background



This preview shows how black text looks on a background with the XYZ color 59.7089, 62.9779, 67.4015.

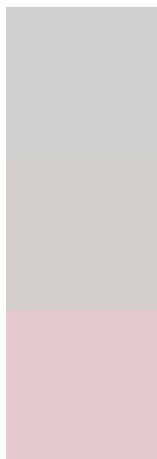


This preview shows how white text looks on a background with the XYZ color 59.7089, 62.9779,

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

59.7089, 62.9779, 67.4015

Protanopia

60.4836, 63.0305, 66.7359

Deuteranopia

64.1440, 62.7723, 67.7670



Tritanopia

61.8345, 63.1182, 78.0312

Trichromacy



Original Color

59.7089, 62.9779, 67.4015

Protanomaly

60.1962, 62.8823, 66.7224

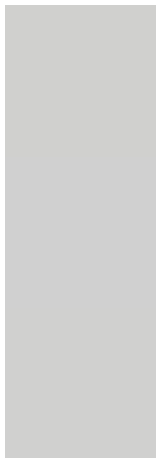
Deuteranomaly

62.6741, 63.0629, 67.9006

Tritanomaly

61.0020, 63.1388, 73.9376

Monochromacy



Original Color

59.7089, 62.9779, 67.4015

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 59.7089, 62.9779, 67.4015 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, 208, 206) looks like.

```
.text, #text, p{  
    color:rgb(208, 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(208, 208, 206) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 59.7089, 62.9779, 67.4015 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, 208, 206) }
```

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

```
.border{ border-color:rgb(208, 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(208, 208, 206) colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 59.7089, 62.9779, 67.4015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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