

Converting Colors

XYZ(59.8985, 63.5427, 69.6467)

Have a look what the booklet for
XYZ(59.8985, 63.5427, 69.6467)
contains.

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Color

**XYZ(59.7627, 63.3262,
69.3949)**

Conversions

Conversions Part 1

Format	Color
Hex	CED1D1
RGB	206, 209, 209
RGB Percent	81%, 82%, 82%
CMY	0.1922, 0.1804, 0.1804
CMYK	0.01, 0.00, 0.00, 0.18
HSL	180°, 3%, 81%
HSV	180°, 1%, 82%
XYZ	59.7627, 63.3262, 69.3949
YIQ	208.1030, -1.7880, -0.6360

Conversions

Conversions Part 2

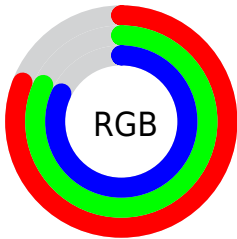
Format	Color
R _Y B	206, 208, 209
Decimal	13554129
CIE Lab	83.61, -1.02, -0.37
CIE LCh	84, 1.082, 199.850
Yxy	63.3262, 0.3105, 0.3290
Android (android.graphics.Color)	4291744209 (0xFFCED1D1)
YUV	208.1030, 0.4422, -1.8443
Hunter-Lab	79.5778, -5.2080, 4.0012

Details

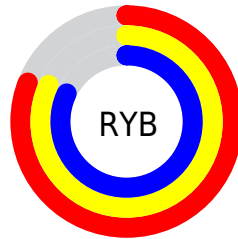
The XYZ color **59.7627, 63.3262, 69.3949** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5088, 62.1559, 67.2566**, and the grayscale version is **60.0206, 63.1463, 68.7664**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.5866, 32.4846, 35.6684** is the 20% darker color. If you saturate the color by 10%, you get **54.3394, 60.5325, 69.1263**, and if you desaturate by 10%, it is **65.9612, 66.5231, 69.7023**.

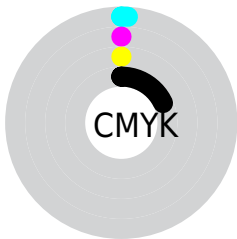
Distribution



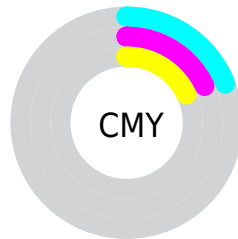
- Red (81%)
- Green (82%)
- Blue (82%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7627, 63.3262, 69.3949 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 59.7627, 63.3262, 69.3949 by changing the saturation by 10% instead.

■ 59.7627, 63.3262,
69.3949

■ 59.7627, 63.3262,
69.3949

413.5713,
436.7524, 477.1541

■ 43.4761, 46.1052,
50.5596

103.5937,
109.6400, 120.0184

■ 30.4550, 32.3288,
35.4840

131.8688,
139.5015, 152.6438

■ 20.3340, 21.6128,
23.7494

164.8707,
174.3453, 190.7029

■ 12.7477, 13.5726,
14.9373

202.9649,
214.5558, 234.6144

■ 7.3309, 7.8240,
8.6293

246.5168,
260.5173, 284.7967

■ 3.7180, 3.9826,
4.4067

295.8915,

■ 1.5439, 1.6638,

312.6144, 341.6684

1.8510

351.4546,
371.2312, 405.6480

■ 0.3554, 0.4001,
0.4613

■ 0.0000, 0.0000,
0.0000

■ 59.7627, 63.3262,
69.3949

■ 59.7627, 63.3262,
69.3949

■ 54.3394, 60.5325,
69.1263

■ 65.9612, 66.5231,
69.7023

■ 49.6556, 58.1183,
68.8911

■ 72.9580, 70.1297,
70.0458

■ 45.6810, 56.0696,
68.6891

■ 75.5597, 71.4706,
70.1836

■ 42.3809, 54.3688,
68.5186

■ 75.5628, 71.4718,
70.1998

39.7180, 52.9963,
68.3779

75.5659, 71.4730,
70.2160

37.6511, 51.9312,
68.2652

75.5689, 71.4743,
70.2322

36.1343, 51.1496,
68.1782

75.5720, 71.4755,
70.2484

35.1150, 50.6244,
68.1144

75.5751, 71.4767,
70.2646

34.5304, 50.3234,
68.0711

75.5782, 71.4780,
70.2808

Harmonies

Analogous

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



59.7429, 63.3262, 68.7221



59.7627, 63.3262, 69.3949



59.8968, 63.3262, 69.9523

Triad

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



59.7627, 63.3262, 69.3949



60.5381, 63.3262, 69.7951



60.2699, 63.3262, 67.6767

Complementary

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



59.7627, 63.3262, 69.3949



59.5088, 62.1559, 67.2566

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.



60.4835, 63.3262, 67.9602



59.7627, 63.3262, 69.3949



60.6386, 63.3262, 69.1813

Square

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



59.7627, 63.3262, 69.3949



60.3443, 63.3262, 70.1844



60.6186, 63.3262, 68.5099



60.0353, 63.3262, 67.7330

Rectangle

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



59.7627, 63.3262, 69.3949



60.0331, 63.3262, 70.1821



60.6186, 63.3262, 68.5099



60.3465, 63.3262, 67.7353

Sweetspot

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



59.7645, 63.3289, 69.3963

95.0500, 100.0000, 108.9000



59.4104, 63.1889, 67.4589



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.



59.7645, 63.3289, 69.3963



93.1975, 99.0451, 108.8082



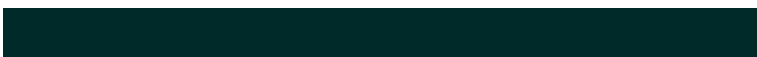
59.4104, 62.6199, 69.2804



13.0641, 13.8740, 15.2324



21.1353, 30.9471, 41.9541



1.1820, 1.7304, 2.3469

Inverse Universe

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



59.5088, 62.1559, 67.2566



92.6351, 96.4653, 104.1025



59.8594, 62.8579, 67.3713



12.9908, 13.5378, 14.6191



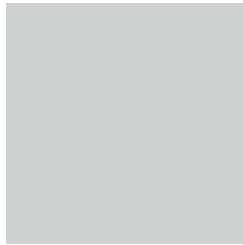
16.2135, 8.3582, 0.7645



0.9068, 0.4674, 0.0438

Previews

White Background



This preview shows how the XYZ color 59.7627, 63.3262, 69.3949 looks on a white background.

Color Contrast Check

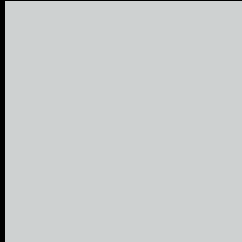
Large Text (above 18pt) WCAG AA × Fail

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 59.7627, 63.3262, 69.3949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

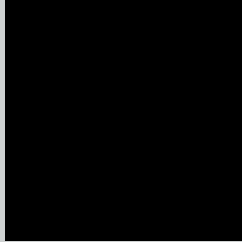
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

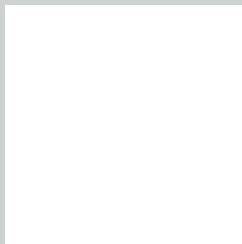
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.7627, 63.3262, 69.3949

Background



This preview shows how black text looks on a background with the XYZ color 59.7627, 63.3262, 69.3949.

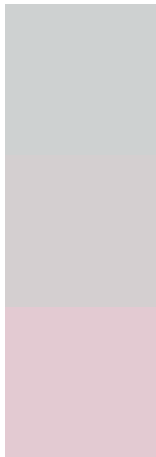


This preview shows how white text looks on a background with the XYZ color 59.7627, 63.3262,

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

59.7627, 63.3262, 69.3949

Protanopia

60.8494, 63.1768, 68.6617

Deuteranopia

64.4319, 63.2251, 69.7805



Tritanopia

61.6445, 63.3633, 78.7934

Trichromacy



Original Color

59.7627, 63.3262, 69.3949

Protanomaly

60.5194, 63.3675, 68.7159

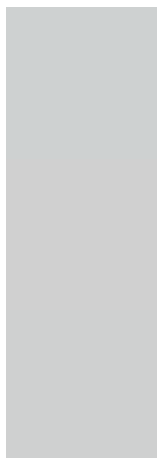
Deuteranomaly

62.6776, 63.3759, 69.9021

Tritanomaly

60.9429, 63.4391, 75.3626

Monochromacy



Original Color

59.7627, 63.3262, 69.3949

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.6732, 62.9312, 68.6763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7627, 63.3262, 69.3949 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(206, 209, 209) looks like.

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

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

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

Border

The CSS property to change the border of an element to XYZ 59.7627, 63.3262, 69.3949 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(206, 209, 209) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to XYZ 59.7627, 63.3262, 69.3949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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