

Converting Colors

XYZ(59.8255, 63.0147, 69.3965)

Have a look what the booklet for
XYZ(59.8255, 63.0147, 69.3965)
contains.

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Color

**XYZ(59.7966, 62.9806,
69.3265)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD0D1
RGB	207, 208, 209
RGB Percent	81%, 82%, 82%
CMY	0.1882, 0.1843, 0.1804
CMYK	0.01, 0.00, 0.00, 0.18
HSL	210°, 2%, 82%
HSV	210°, 1%, 82%
XYZ	59.7966, 62.9806, 69.3265
YIQ	207.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

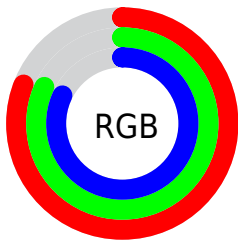
Format	Color
R _Y B	207, 208, 209
Decimal	13619409
CIE Lab	83.43, -0.15, -0.62
CIE LCh	83, 0.643, 256.119
Yxy	62.9806, 0.3113, 0.3278
Android (android.graphics.Color)	4291809489 (0xFFCFD0D1)
YUV	207.8150, 0.5842, -0.7148
Hunter-Lab	79.3603, -4.3840, 3.7585

Details

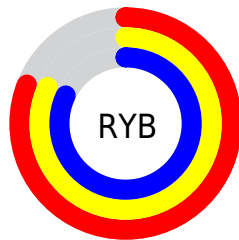
The XYZ color **59.7966, 62.9806, 69.3265** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.1129, 63.1713, 68.0573**, and the grayscale version is **59.8327, 62.9486, 68.5511**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.6089, 32.2501, 35.6220** is the 20% darker color. If you saturate the color by 10%, you get **51.8842, 55.2575, 68.2538**, and if you desaturate by 10%, it is **68.6522, 71.4409, 70.4937**.

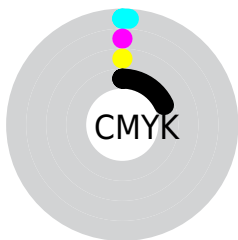
Distribution



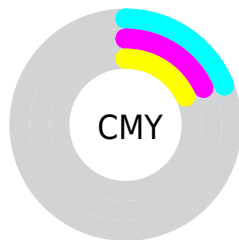
- Red (81%)
- Green (82%)
- Blue (82%)



- 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 59.7966, 62.9806, 69.3265 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 59.7966, 62.9806, 69.3265 by changing the saturation by 10% instead.

■ 59.7966, 62.9806,
69.3265

■ 59.7966, 62.9806,
69.3265

413.6944,
435.4991, 476.9068

■ 43.5035, 45.8255,
50.5042

103.6426,
109.1415, 119.9199

■ 30.4766, 32.1082,
35.4402

131.9262,
138.9161, 152.5281

■ 20.3505, 21.4441,
23.7159

164.9374,
173.6661, 190.5687

■ 12.7598, 13.4490,
14.9128

203.0415,
213.7757, 234.4603

■ 7.3392, 7.7385,
8.6123

246.6039,
259.6294, 284.6213

■ 3.7234, 3.9281,
4.3958

295.9900,

■ 1.5468, 1.6334,

311.6116, 341.4704

1.8449

351.5650,
370.1067, 405.4260

■ 0.3574, 0.3800,
0.4573

■ 0.0000, 0.0000,
0.0000

■ 59.7966, 62.9806,
69.3265

■ 59.7966, 62.9806,
69.3265

■ 51.8842, 55.2575,
68.2538

■ 68.6522, 71.4409,
70.4937

■ 44.8763, 48.2417,
67.2689

■ 78.4772, 80.6511,
71.7536

■ 38.7394, 41.9128,
66.3708

■ 83.6861, 87.7382,
72.8470

■ 33.4357, 36.2462,
65.5566

■ 86.8270, 94.0199,
73.8940

■ 28.9242, 31.2157,
64.8234

■ 88.5088, 97.3835,
74.4546

■ 25.1607, 26.7931,
64.1681

■ 22.0955, 22.9474,
63.5873

■ 19.6727, 19.6438,
63.0774

■ 17.8260, 16.8422,
62.6339

Harmonies

Analogous

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



59.6747, 62.9806, 69.1325



59.7966, 62.9806, 69.3265



59.9360, 62.9806, 69.3186

Triad

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



59.7966, 62.9806, 69.3265



60.1202, 62.9806, 68.3613



59.6673, 62.9806, 68.0420

Complementary

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



59.7966, 62.9806, 69.3265



60.1129, 63.1713, 68.0573

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.



59.7864, 62.9806, 67.8370



59.7966, 62.9806, 69.3265



60.0480, 62.9806, 68.0209

Square

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



59.7966, 62.9806, 69.3265



60.1229, 62.9806, 68.7603



59.9258, 62.9806, 67.8293



59.6002, 62.9806, 68.3903

Rectangle

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



59.7966, 62.9806, 69.3265



60.0200, 62.9806, 69.2000



59.9258, 62.9806, 67.8293



59.7026, 62.9806, 67.9541

Sweetspot

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



59.7984, 62.9833, 69.3279

95.0500, 100.0000, 108.9000



59.9146, 63.4198, 68.7373



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.



59.7984, 62.9833, 69.3279



93.7141, 98.7117, 108.7217



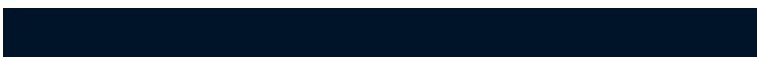
59.5625, 62.5115, 69.2492



13.1315, 13.8307, 15.2211



10.3016, 9.2498, 38.4349



0.6554, 0.6759, 2.1755

Inverse Universe

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



59.9938, 62.7361, 68.6250



94.0380, 98.3022, 107.5570



60.3502, 63.6459, 68.1364



13.1737, 13.7773, 15.0694



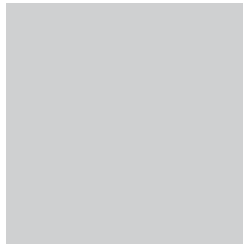
17.8305, 9.0050, 9.2796



1.0370, 0.5195, 0.7298

Previews

White Background



This preview shows how the XYZ color 59.7966, 62.9806, 69.3265 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 59.7966, 62.9806, 69.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

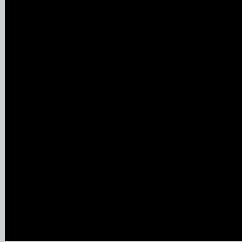
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

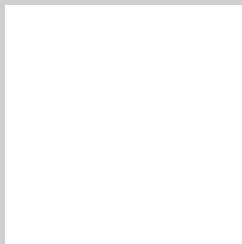
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.7966, 62.9806, 69.3265

Background



This preview shows how black text looks on a background with the XYZ color 59.7966, 62.9806, 69.3265.

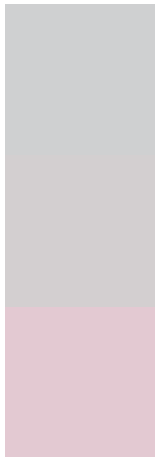


This preview shows how white text looks on a background with the XYZ color 59.7966, 62.9806,

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

59.7966, 62.9806, 69.3265

Protanopia

60.5620, 63.0286, 68.6483

Deuteranopia

64.1981, 62.7573, 69.7025



Tritanopia

61.5506, 62.9718, 78.0180

Trichromacy



Original Color

59.7966, 62.9806, 69.3265

Protanomaly

60.2763, 62.8814, 68.6349

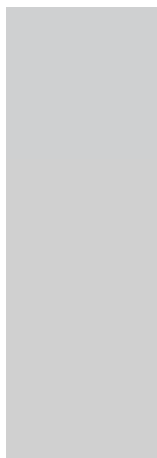
Deuteranomaly

62.7409, 63.0545, 69.8367

Tritanomaly

60.8496, 63.0453, 74.6075

Monochromacy



Original Color

59.7966, 62.9806, 69.3265

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.9535, 63.0757, 68.6895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7966, 62.9806, 69.3265 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(207, 208, 209) looks like.

```
.text, #text, p{  
    color:rgb(207, 208, 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(207, 208, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 208, 209) }
```

Border

The CSS property to change the border of an element to XYZ 59.7966, 62.9806, 69.3265 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(207, 208, 209) }
```

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

```
.border{ border-color:rgb(207, 208, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 208, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 208, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 208, 209);  
box-shadow:4px 4px 4px 4px rgb(207, 208,  
209) }
```


Background

The CSS property to change the background color of an element to XYZ 59.7966, 62.9806, 69.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 208, 209) }
```

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

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