

Converting Colors

XYZ(60.0420, 63.4478, 69.4686)

Have a look what the booklet for
XYZ(60.0420, 63.4478, 69.4686)
contains.

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Color

**XYZ(60.0412, 63.4698,
69.4080)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD1D1
RGB	207, 209, 209
RGB Percent	81%, 82%, 82%
CMY	0.1882, 0.1804, 0.1804
CMYK	0.01, 0.00, 0.00, 0.18
HSL	180°, 2%, 82%
HSV	180°, 1%, 82%
XYZ	60.0412, 63.4698, 69.4080
YIQ	208.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

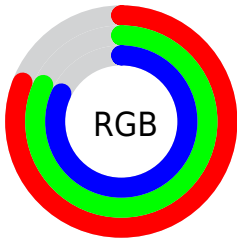
Format	Color
R_{YB}	207, 208, 209
Decimal	13619665
CIE Lab	83.69, -0.68, -0.25
CIE LCh	84, 0.722, 200.140
Yxy	63.4698, 0.3112, 0.3290
Android (android.graphics.Color)	4291809745 (0xFFCFD1D1)
YUV	208.4020, 0.2948, -1.2296
Hunter-Lab	79.6679, -4.8936, 4.1131

Details

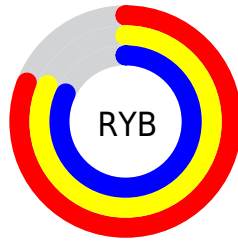
The XYZ color **60.0412, 63.4698, 69.4080** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.8721, 62.6875, 67.9789**, and the grayscale version is **60.2153, 63.3512, 68.9895**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.7746, 32.5816, 35.6772** is the 20% darker color. If you saturate the color by 10%, you get **54.5801, 60.6568, 69.1296**, and if you desaturate by 10%, it is **66.2789, 66.6867, 69.7253**.

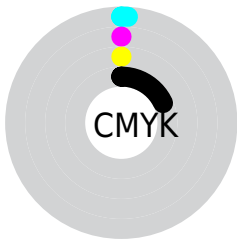
Distribution



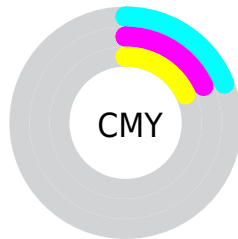
- Red (81%)
- Green (82%)
- Blue (82%)



- 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 60.0412, 63.4698, 69.4080 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 60.0412, 63.4698, 69.4080 by changing the saturation by 10% instead.

■ 60.0412, 63.4698,
69.4080

■ 60.0412, 63.4698,
69.4080

414.5819,
437.2725, 477.2015

■ 43.7014, 46.2214,
50.5702

103.9954,
109.8470, 120.0373

■ 30.6328, 32.4206,
35.4924

132.3406,
139.7446, 152.6660

■ 20.4698, 21.6829,
23.7558

165.4183,
174.6273, 190.7286

■ 12.8473, 13.6241,
14.9421

203.5939,
214.8796, 234.6439

■ 7.3997, 7.8597,
8.6326

247.2327,
260.8859, 284.8303

■ 3.7619, 4.0053,
4.4088

296.7000,

■ 1.5683, 1.6765,

313.0306, 341.7063

1.8522

352.3613,
371.6979, 405.6905

■ 0.3716, 0.4084,
0.4620

■ 0.0000, 0.0000,
0.0000

■ 60.0412, 63.4698,
69.4080

■ 60.0412, 63.4698,
69.4080

■ 54.5801, 60.6568,
69.1296

■ 66.2789, 66.6867,
69.7253

■ 49.8600, 58.2241,
68.8846

■ 73.3162, 70.3141,
70.0788

■ 45.8507, 56.1577,
68.6729

■ 75.5644, 71.4725,
70.2081

■ 42.5177, 54.4400,
68.4929

■ 75.5690, 71.4743,
70.2324

■ 39.8236, 53.0517,
68.3427

■ 75.5736, 71.4762,
70.2568

■ 37.7277, 51.9717,
68.2206

■ 75.5782, 71.4780,
70.2811

■ 36.1841, 51.1766,
68.1243

■ 75.5829, 71.4799,
70.3055

■ 35.1408, 50.6392,
68.0514

■ 75.5875, 71.4817,
70.3298

■ 34.5356, 50.3277,
67.9990

■ 75.5921, 71.4836,
70.3542

Harmonies

Analogous

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



60.0271, 63.4698, 68.9588



60.0412, 63.4698, 69.4080



60.1315, 63.4698, 69.7782

Triad

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



60.0412, 63.4698, 69.4080



60.5598, 63.4698, 69.6673



60.3782, 63.4698, 68.2537

Complementary

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



60.0412, 63.4698, 69.4080



59.8721, 62.6875, 67.9789

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.



60.5212, 63.4698, 68.4417



60.0412, 63.4698, 69.4080



60.6261, 63.4698, 69.2570

Square

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



60.0412, 63.4698, 69.4080



60.4309, 63.4698, 69.9284



60.6120, 63.4698, 68.8085



60.2215, 63.4698, 68.2937

Rectangle

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



60.0412, 63.4698, 69.4080



60.2229, 63.4698, 69.9298



60.6120, 63.4698, 68.8085



60.4295, 63.4698, 68.2923

Sweetspot

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



60.0430, 63.4725, 69.4094

95.0500, 100.0000, 108.9000



59.8062, 63.3789, 68.1135



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.



60.0430, 63.4725, 69.4094



94.1173, 99.5193, 108.8525



59.8065, 62.9989, 69.3327



13.1841, 13.9359, 15.2382



21.1259, 30.9433, 41.9049



1.1815, 1.7303, 2.3447

Inverse Universe

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



59.8721, 62.6875, 67.9789



93.8347, 98.2209, 106.4865



60.1071, 63.1581, 68.0551



13.1472, 13.7667, 14.9299



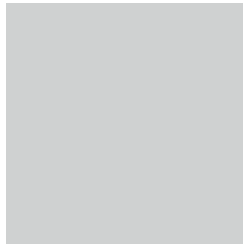
16.2140, 8.3585, 0.7674



0.9069, 0.4675, 0.0445

Previews

White Background



This preview shows how the XYZ color 60.0412, 63.4698, 69.4080 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 60.0412, 63.4698, 69.4080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

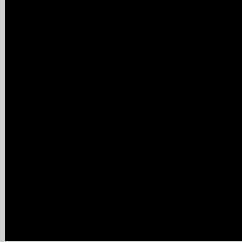
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

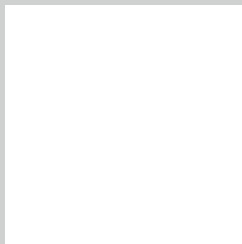
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.0412, 63.4698, 69.4080

Background



This preview shows how black text looks on a background with the XYZ color 60.0412, 63.4698, 69.4080.

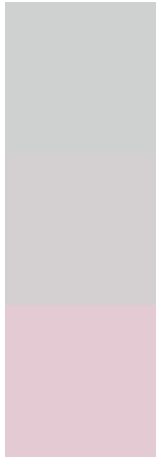


This preview shows how white text looks on a background with the XYZ color 60.0412, 63.4698,

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

60.0412, 63.4698, 69.4080

Protanopia

60.8494, 63.1768, 68.6617

Deuteranopia

64.7483, 63.3882, 69.7953



Tritanopia

61.9266, 63.5087, 78.8066

Trichromacy



Original Color

60.0412, 63.4698, 69.4080

Protanomaly

60.5194, 63.3675, 68.7159

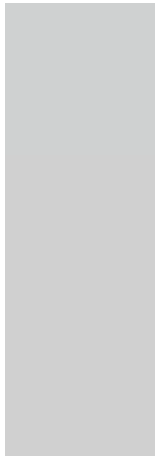
Deuteranomaly

62.9794, 63.5314, 69.9162

Tritanomaly

61.2232, 63.5836, 75.3757

Monochromacy



Original Color

60.0412, 63.4698, 69.4080

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 60.0412, 63.4698, 69.4080 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, 209, 209) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 60.0412, 63.4698, 69.4080 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, 209, 209) }
```

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

```
.border{ border-color:rgb(207, 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(207, 209, 209)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 60.0412, 63.4698, 69.4080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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