

Converting Colors

XYZ(56.2048, 61.4361, 69.5371)

Have a look what the booklet for
XYZ(56.2048, 61.4361, 69.5371)
contains.

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Color

**XYZ(56.3014, 61.5418,
69.2330)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D1D1
RGB	193, 209, 209
RGB Percent	76%, 82%, 82%
CMY	0.2431, 0.1804, 0.1804
CMYK	0.08, 0.00, 0.00, 0.18
HSL	180°, 15%, 79%
HSV	180°, 8%, 82%
XYZ	56.3014, 61.5418, 69.2330
YIQ	204.2160, -9.5360, -3.3920

Conversions

Conversions Part 2

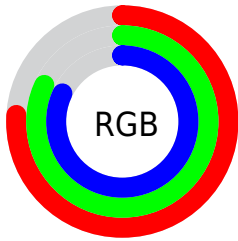
Format	Color
R_{YB}	193, 201, 209
Decimal	12702161
CIE Lab	82.67, -5.38, -1.86
CIE LCh	83, 5.694, 199.087
Yxy	61.5418, 0.3010, 0.3290
Android (android.graphics.Color)	4290892241 (0xFFC1D1D1)
YUV	204.2160, 2.3585, -9.8364
Hunter-Lab	78.4486, -9.1782, 2.5890

Details

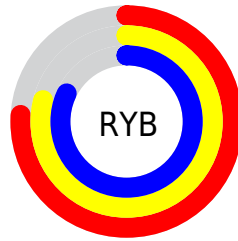
The XYZ color **56.3014, 61.5418, 69.2330** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.9923, 55.5471, 58.2781**, and the grayscale version is **57.5224, 60.5180, 65.9041**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **28.2852, 31.2982, 35.5607** is the 20% darker color. If you saturate the color by 10%, you get **51.3454, 58.9886, 68.9997**, and if you desaturate by 10%, it is **62.0139, 64.4883, 69.5042**.

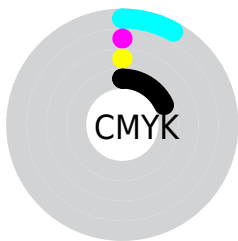
Distribution



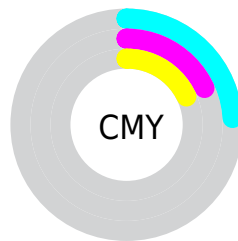
- Red (76%)
- Green (82%)
- Blue (82%)



- Red (76%)
- Yellow (79%)
- Blue (82%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



- Cyan (24%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3014, 61.5418, 69.2330 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 56.3014, 61.5418, 69.2330 by changing the saturation by 10% instead.

■ 56.3014, 61.5418,
69.2330

■ 56.3014, 61.5418,
69.2330

400.8830,
430.2578, 476.5685

■ 40.6826, 44.6626,
50.4286

■ 98.5824, 107.0630,
119.7851

■ 28.2577, 31.1917,
35.3805

125.9752,
136.4738, 152.3699

■ 18.6615, 20.7449,
23.6702

158.0235,
170.8306, 190.3852

■ 11.5285, 12.9377,
14.8792

195.0925,
210.5177, 234.2496

■ 6.4934, 7.3856,
8.5890

237.5476,
255.9196, 284.3816

■ 3.1908, 3.7044,
4.3809

285.7541,

■ 1.2555, 1.5096,

307.4206, 341.1997

1.8366

340.0775,
365.4052, 405.1225

■ 0.1495, 0.2955,
0.4519

■ 0.0000, 0.0000,
0.0000

■ 56.3014, 61.5418,
69.2330

■ 56.3014, 61.5418,
69.2330

■ 51.3454, 58.9886,
68.9997

■ 62.0139, 64.4883,
69.5042

■ 47.1092, 56.8049,
68.7989

■ 68.5072, 67.8357,
69.8107

■ 43.5610, 54.9757,
68.6302

■ 75.5519, 71.4673,
70.1430

■ 40.6644, 53.4825,
68.4921

■ 75.5524, 71.4675,
70.1456

38.3799, 52.3049,
68.3826

75.5529, 71.4677,
70.1482

36.6634, 51.4201,
68.2997

75.5534, 71.4679,
70.1508

35.4654, 50.8025,
68.2410

75.5539, 71.4681,
70.1535

34.7273, 50.4221,
68.2039

75.5544, 71.4683,
70.1561

34.3672, 50.2365,
68.1844

75.5549, 71.4685,
70.1587

Harmonies

Analogous

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



56.2169, 61.5418, 65.7429



56.3014, 61.5418, 69.2330



56.9685, 61.5418, 72.2230

Triad

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



56.3014, 61.5418, 69.2330



60.2871, 61.5418, 71.5123



58.9395, 61.5418, 60.6165

Complementary

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



56.3014, 61.5418, 69.2330



54.9923, 55.5471, 58.2781

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.



60.0458, 61.5418, 62.0513



56.3014, 61.5418, 69.2330



60.8310, 61.5418, 68.2904

Square

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



56.3014, 61.5418, 69.2330



59.2653, 61.5418, 73.5703



60.7420, 61.5418, 64.8323



57.7287, 61.5418, 60.8491

Rectangle

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



56.3014, 61.5418, 69.2330



57.6590, 61.5418, 73.4923



60.7420, 61.5418, 64.8323



59.3362, 61.5418, 60.9178

Sweetspot

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



56.3032, 61.5444, 69.2344



93.1984, 99.0455, 108.8125



54.4882, 60.8263, 59.3219



19.9677, 21.2098, 23.2913



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.3032, 61.5444, 69.2344



87.1042, 95.9039, 108.5244



54.4516, 57.8406, 68.6190



12.1583, 13.4071, 15.1901



21.1509, 30.9533, 42.0365



1.1827, 1.7307, 2.3506

Inverse Universe

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



54.9923, 55.5471, 58.2781



84.6839, 84.8307, 88.2951



56.7469, 59.0568, 58.8613



11.8089, 11.8083, 12.2693



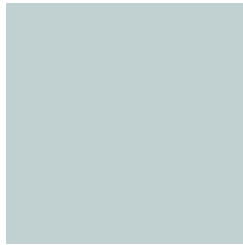
16.2126, 8.3579, 0.7597



0.9065, 0.4673, 0.0426

Previews

White Background



This preview shows how the XYZ color 56.3014, 61.5418, 69.2330 looks on a white background.

Color Contrast Check

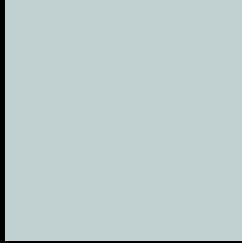
Large Text (above 18pt) WCAG AA × Fail

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 56.3014, 61.5418, 69.2330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

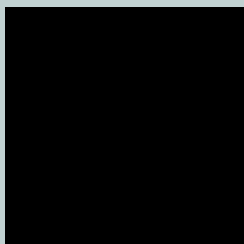
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

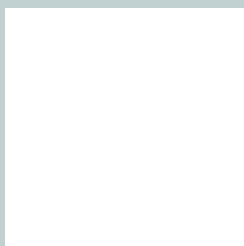
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.3014, 61.5418, 69.2330

Background



This preview shows how black text looks on a background with the XYZ color 56.3014, 61.5418, 69.2330.



This preview shows how white text looks on a background with the XYZ color 56.3014, 61.5418,

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

56.3014, 61.5418, 69.2330

Protanopia

59.0279, 61.1973, 67.0937

Deuteranopia

62.6127, 61.2380, 70.1481



Tritanopia

58.1378, 61.5555, 78.6292

Trichromacy



Original Color

56.3014, 61.5418, 69.2330

Protanomaly

57.9624, 61.3441, 67.8171

Deuteranomaly

60.1402, 61.3621, 69.6471

Tritanomaly

57.4589, 61.6430, 75.1996

Monochromacy



Original Color

56.3014, 61.5418, 69.2330

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.0313, 60.8782, 67.1373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3014, 61.5418, 69.2330 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(193, 209, 209)` looks like.

```
.text, #text, p{  
    color:rgb(193, 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(193, 209, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 209, 209) }
```

Border

The CSS property to change the border of an element to XYZ 56.3014, 61.5418, 69.2330 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(193, 209, 209) }
```


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

```
.border{ border-color:rgb(193, 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(193, 209, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 209, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 209, 209); box-shadow:4px 4px 4px 4px rgb(193, 209, 209) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3014, 61.5418, 69.2330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 209, 209) }
```

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

```
.background{ background-color: rgb(193,  
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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