

Converting Colors

XYZ(56.3555, 61.6467, 67.4325)

Have a look what the booklet for
XYZ(56.3555, 61.6467, 67.4325)
contains.

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Color

**XYZ(56.1892, 61.5265,
67.3068)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D1CE
RGB	194, 209, 206
RGB Percent	76%, 82%, 81%
CMY	0.2392, 0.1804, 0.1922
CMYK	0.07, 0.00, 0.01, 0.18
HSL	168°, 14%, 79%
HSV	168°, 7%, 82%
XYZ	56.1892, 61.5265, 67.3068
YIQ	204.1730, -7.9770, -4.1130

Conversions

Conversions Part 2

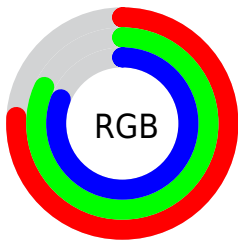
Format	Color
RYB	194, 202, 209
Decimal	12767694
CIELab	82.66, -5.62, -0.27
CIELCh	83, 5.631, 182.709
Yxy	61.5265, 0.3037, 0.3325
Android (android.graphics.Color)	4290957774 (0xFFC2D1CE)
YUV	204.1730, 0.9007, -8.9217
Hunter-Lab	78.4388, -9.4005, 4.0316

Details

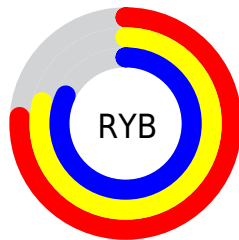
The XYZ color **56.1892, 61.5265, 67.3068** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.6666, 56.1718, 60.7346**, and the grayscale version is **57.5034, 60.4981, 65.8824**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **28.2041, 31.2851, 34.2579** is the 20% darker color. If you saturate the color by 10%, you get **50.6967, 58.7547, 64.4327**, and if you desaturate by 10%, it is **62.4532, 64.6979, 70.2902**.

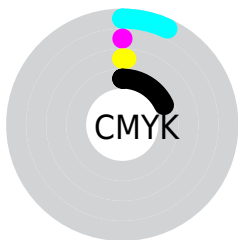
Distribution



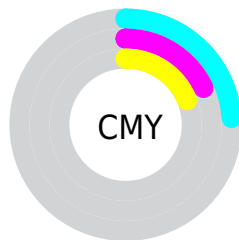
- Red (76%)
- Green (82%)
- Blue (81%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)



- Cyan (24%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1892, 61.5265, 67.3068 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 56.1892, 61.5265, 67.3068 by changing the saturation by 10% instead.

■ 56.1892, 61.5265,
67.3068

■ 56.1892, 61.5265,
67.3068

400.4676,
430.2018, 469.5672

■ 40.5922, 44.6502,
48.8708

■ 98.4194, 107.0409,
117.0047

■ 28.1869, 31.1820,
34.1521

125.7833,
136.4478, 149.1038

■ 18.6077, 20.7375,
22.7322

157.8002,
170.8004, 186.5943

■ 11.4895, 12.9322,
14.1925

194.8355,
210.4830, 229.8947

■ 6.4668, 7.3819,
8.1144

237.2545,
255.8800, 279.4237

■ 3.1743, 3.7021,
4.0794

285.4227,

■ 1.2466, 1.5083,

307.3759, 335.5998

1.6690

339.7052,
365.3550, 398.8414

■ 0.1427, 0.2946,
0.3394

■ 0.0000, 0.0000,
0.0000

■ 56.1892, 61.5265,
67.3068

■ 56.1892, 61.5265,
67.3068

■ 50.6967, 58.7547,
64.4327

■ 62.4532, 64.6979,
70.2902

■ 45.9390, 56.3584,
61.6619

■ 69.5130, 68.2763,
73.3807

■ 41.8842, 54.3229,
58.9935

■ 76.7690, 71.9542,
76.5521

■ 38.4961, 52.6296,
56.4253

■ 77.3254, 72.1768,
79.4821

■ 35.7352, 51.2581,
53.9548

■ 77.8958, 72.4049,
82.4856

■ 33.5576, 50.1859,
51.5796

■ 78.4802, 72.6387,
85.5630

■ 31.9138, 49.3873,
49.2966

■ 79.0787, 72.8781,
88.7148

■ 30.7458, 48.8325,
47.1027

■ 79.6915, 73.1232,
91.9415

■ 29.9757, 48.4814,
44.9934

■ 80.3186, 73.3740,
95.2437

Harmonies

Analogous

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



56.4388, 61.5265, 63.9875



56.1892, 61.5265, 67.3068



56.5461, 61.5265, 70.6517

Triad

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



56.1892, 61.5265, 67.3068



59.7434, 61.5265, 72.7473



59.5507, 61.5265, 61.2517

Complementary

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



56.1892, 61.5265, 67.3068



55.6666, 56.1718, 60.7346

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.



60.4556, 61.5265, 63.4607



56.1892, 61.5265, 67.3068



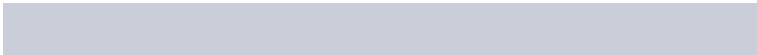
60.5679, 61.5265, 70.0889

Square

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



56.1892, 61.5265, 67.3068



58.5889, 61.5265, 73.8597



60.8304, 61.5265, 66.6780



58.3694, 61.5265, 60.5636

Rectangle

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



56.1892, 61.5265, 67.3068



57.0829, 61.5265, 72.4254



60.8304, 61.5265, 66.6780



59.8979, 61.5265, 61.8372

Sweetspot

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



56.1909, 61.5291, 67.3082



93.0346, 98.9799, 107.9500



55.6315, 61.4028, 59.9598



19.9343, 21.1965, 23.1158



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.



56.1909, 61.5291, 67.3082



86.3740, 95.6118, 104.6791



55.5303, 59.6182, 68.9054



12.0527, 13.3648, 14.6340



18.4038, 29.8545, 27.5704



1.0554, 1.6798, 1.6806

Inverse Universe

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



55.6666, 56.1718, 60.7346



85.3448, 85.0950, 91.7752



56.2855, 57.9548, 59.2598



11.9041, 11.8464, 12.7709



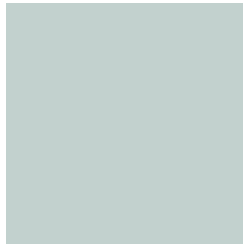
16.4967, 8.4715, 2.2557



0.9512, 0.4852, 0.2781

Previews

White Background



This preview shows how the XYZ color 56.1892, 61.5265, 67.3068 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 56.1892, 61.5265, 67.3068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

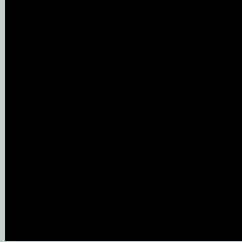
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

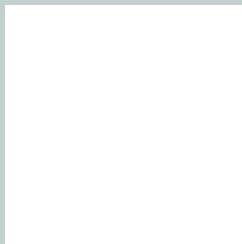
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.1892, 61.5265, 67.3068

Background



This preview shows how black text looks on a background with the XYZ color 56.1892, 61.5265, 67.3068.



This preview shows how white text looks on a background with the XYZ color 56.1892, 61.5265,

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

56.1892, 61.5265, 67.3068

Protanopia

59.1892, 61.6761, 65.2850

Deuteranopia

62.5491, 61.2482, 68.1999



Tritanopia

58.4165, 61.3406, 78.5731

Trichromacy



Original Color

56.1892, 61.5265, 67.3068

Protanomaly

57.8722, 61.3396, 65.9163

Deuteranomaly

60.0590, 61.3630, 67.7103

Tritanomaly

57.6022, 61.3712, 74.4555

Monochromacy



Original Color

56.1892, 61.5265, 67.3068

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.9102, 60.8298, 66.4994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1892, 61.5265, 67.3068 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(194, 209, 206) looks like.

```
.text, #text, p{  
    color:rgb(194, 209, 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(194, 209, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 209, 206) }
```

Border

The CSS property to change the border of an element to XYZ 56.1892, 61.5265, 67.3068 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(194, 209, 206) }
```


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

```
.border{ border-color:rgb(194, 209, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 209, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 209, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 209, 206);  
box-shadow:4px 4px 4px 4px rgb(194, 209,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1892, 61.5265, 67.3068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 209, 206) }
```

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

```
.background{ background-color: rgb(194,  
209, 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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