

Converting Colors

XYZ(56.2899, 59.8137, 65.7047)

Have a look what the booklet for
XYZ(56.2899, 59.8137, 65.7047)
contains.

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Color

**XYZ(56.3114, 59.8247,
65.7061)**

Conversions

Conversions Part 1

Format	Color
Hex	C8CCCC
RGB	200, 204, 204
RGB Percent	78%, 80%, 80%
CMY	0.2157, 0.2000, 0.2000
CMYK	0.02, 0.00, 0.00, 0.20
HSL	180°, 4%, 79%
HSV	180°, 2%, 80%
XYZ	56.3114, 59.8247, 65.7061
YIQ	202.8040, -2.3840, -0.8480

Conversions

Conversions Part 2

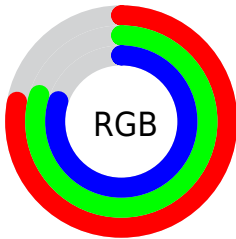
Format	Color
R _{YB}	200, 202, 204
Decimal	13159628
CIE Lab	81.74, -1.36, -0.49
CIE LCh	82, 1.448, 199.685
Yxy	59.8247, 0.3097, 0.3290
Android (android.graphics.Color)	4291349708 (0xFFC8CCCC)
YUV	202.8040, 0.5896, -2.4591
Hunter-Lab	77.3464, -5.4009, 3.7754

Details

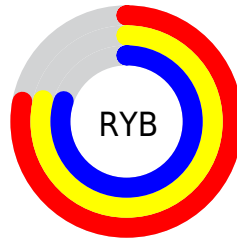
The XYZ color **56.3114, 59.8247, 65.7061** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.9837, 58.3177, 62.9524**, and the grayscale version is **56.6407, 59.5904, 64.8940**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.2654, 30.1257, 33.1793** is the 20% darker color. If you saturate the color by 10%, you get **51.2209, 57.2024, 65.4585**, and if you desaturate by 10%, it is **62.1323, 62.8270, 65.9903**.

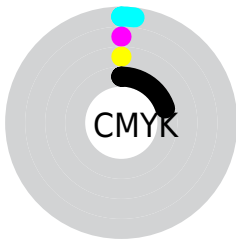
Distribution



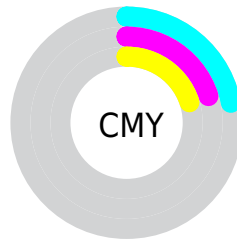
- Red (78%)
- Green (80%)
- Blue (80%)



- Red (78%)
- Yellow (79%)
- Blue (80%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (22%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3114, 59.8247, 65.7061 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 56.3114, 59.8247, 65.7061 by changing the saturation by 10% instead.

■ 56.3114, 59.8247,
65.7061

■ 56.3114, 59.8247,
65.7061

400.9200,
423.9513, 463.7005

■ 40.6906, 43.2774,
47.5789

98.5969, 104.5753,
114.6874

■ 28.2640, 30.1028,
33.1359

125.9923,
133.5474, 146.3785

■ 18.6663, 19.9166,
21.9586

158.0434,
167.4298, 183.4281

■ 11.5319, 12.3345,
13.6285

195.1154,
206.6070, 226.2545

■ 6.4957, 6.9719,
7.7269

237.5737,
251.4634, 275.2765

■ 3.1923, 3.4445,
3.8355

285.7836,

■ 1.2563, 1.3680,

302.3833, 330.9124

1.5355

340.1106,
359.7511, 393.5809

■ 0.1501, 0.1929,
0.2442

■ 0.0000, 0.0000,
0.0000

■ 56.3114, 59.8247,
65.7061

■ 56.3114, 59.8247,
65.7061

■ 51.2209, 57.2024,
65.4585

■ 62.1323, 62.8270,
65.9903

■ 46.8271, 54.9375,
65.2423

■ 68.7056, 66.2153,
66.3086

■ 43.1013, 53.0170,
65.0573

■ 73.7393, 68.8101,
66.5547

■ 40.0107, 51.4240,
64.9021

■ 73.7414, 68.8109,
66.5654

■ 37.5200, 50.1402,
64.7750

■ 73.7434, 68.8117,
66.5761

■ 35.5902, 49.1456,
64.6741

■ 73.7454, 68.8125,
66.5868

■ 34.1777, 48.4177,
64.5974

■ 73.7474, 68.8134,
66.5975

■ 33.2327, 47.9308,
64.5426

■ 73.7495, 68.8142,
66.6082

■ 32.6955, 47.6541,
64.5069

■ 73.7515, 68.8150,
66.6189

Harmonies

Analogous

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



56.2868, 59.8247, 64.8388



56.3114, 59.8247, 65.7061



56.4831, 59.8247, 66.4275

Triad

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



56.3114, 59.8247, 65.7061



57.3098, 59.8247, 66.2312



56.9666, 59.8247, 63.5011

Complementary

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



56.3114, 59.8247, 65.7061



55.9837, 58.3177, 62.9524

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.



57.2417, 59.8247, 63.8671



56.3114, 59.8247, 65.7061



57.4403, 59.8247, 65.4400

Square

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



56.3114, 59.8247, 65.7061



57.0593, 59.8247, 66.7325



57.4153, 59.8247, 64.5750



56.6643, 59.8247, 63.5709

Rectangle

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



56.3114, 59.8247, 65.7061



56.6583, 59.8247, 66.7261



57.4153, 59.8247, 64.5750



57.0654, 59.8247, 63.5771

Sweetspot

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



56.3131, 59.8273, 65.7074



94.1177, 99.5194, 108.8546



55.8572, 59.6470, 63.2136



20.1549, 21.3063, 23.2998



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.



56.3131, 59.8273, 65.7074



93.1978, 99.0453, 108.8098



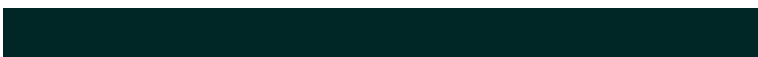
55.8565, 58.9133, 65.5572



12.4007, 13.1691, 14.4582



20.4383, 29.9206, 40.5884



1.0545, 1.5436, 2.0946

Inverse Universe

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



55.9837, 58.3177, 62.9524



92.6348, 96.4652, 104.1010



56.4343, 59.2195, 63.1007



12.3312, 12.8508, 13.8774



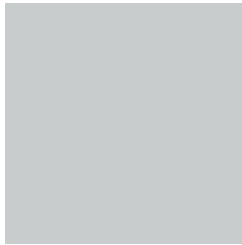
15.6743, 8.0803, 0.7375



0.8088, 0.4169, 0.0388

Previews

White Background



This preview shows how the XYZ color 56.3114, 59.8247, 65.7061 looks on a white background.

Color Contrast Check

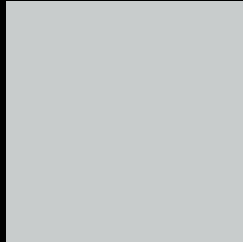
Large Text (above 18pt) WCAG AA × Fail

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 56.3114, 59.8247, 65.7061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

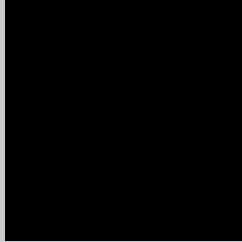
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

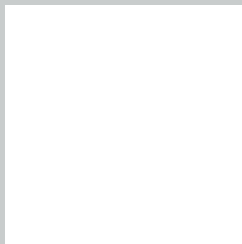
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.3114, 59.8247, 65.7061

Background



This preview shows how black text looks on a background with the XYZ color 56.3114, 59.8247, 65.7061.

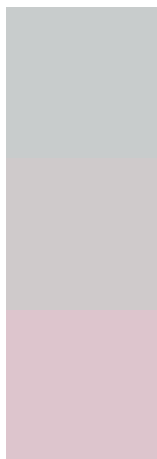


This preview shows how white text looks on a background with the XYZ color 56.3114, 59.8247,

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

56.3114, 59.8247, 65.7061

Protanopia

57.6321, 59.8183, 65.0085

Deuteranopia

60.8045, 59.7124, 66.0785



Tritanopia

58.1325, 59.8596, 74.8198

Trichromacy



Original Color

56.3114, 59.8247, 65.7061

Protanomaly

57.0373, 59.8610, 65.0481

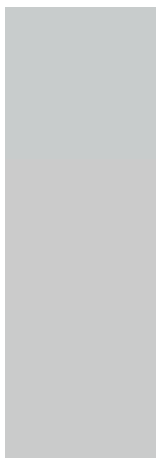
Deuteranomaly

59.1143, 59.8625, 66.1966

Tritanomaly

57.4536, 59.9335, 71.4910

Monochromacy



Original Color

56.3114, 59.8247, 65.7061

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.4925, 59.5802, 65.0226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3114, 59.8247, 65.7061 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(200, 204, 204) looks like.

```
.text, #text, p{  
    color:rgb(200, 204, 204)  
}
```

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(200, 204, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 204, 204) }
```

Border

The CSS property to change the border of an element to XYZ 56.3114, 59.8247, 65.7061 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(200, 204, 204) }
```


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

```
.border{ border-color:rgb(200, 204, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 204, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 204, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 204, 204);  
box-shadow:4px 4px 4px 4px rgb(200, 204,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3114, 59.8247, 65.7061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 204, 204) }
```

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

```
.background{ background-color: rgb(200,  
204, 204) }
```

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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