

Converting Colors

XYZ(56.8730, 61.1708, 64.2339)

Have a look what the booklet for
XYZ(56.8730, 61.1708, 64.2339)
contains.

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Color

**XYZ(56.9428, 61.2602,
64.0815)**

Conversions

Conversions Part 1

Format	Color
Hex	C9CFC9
RGB	201, 207, 201
RGB Percent	79%, 81%, 79%
CMY	0.2118, 0.1882, 0.2118
CMYK	0.03, 0.00, 0.03, 0.19
HSL	120°, 6%, 80%
HSV	120°, 3%, 81%
XYZ	56.9428, 61.2602, 64.0815
YIQ	204.5220, -1.6500, -3.1380

Conversions

Conversions Part 2

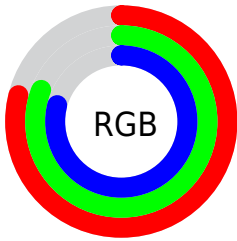
Format	Color
R_{YB}	201, 207, 207
Decimal	13225929
CIE Lab	82.52, -3.14, 2.25
CIE LCh	83, 3.867, 144.349
Yxy	61.2602, 0.3124, 0.3361
Android (android.graphics.Color)	4291416009 (0xFFC9CFC9)
YUV	204.5220, -1.7363, -3.0888
Hunter-Lab	78.2689, -7.1068, 6.2454

Details

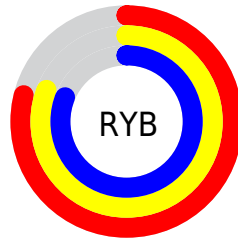
The XYZ color **56.9428, 61.2602, 64.0815** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.8835, 59.5452, 67.4771**, and the grayscale version is **57.7377, 60.7446, 66.1508**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.6903, 31.0921, 32.0930** is the 20% darker color. If you saturate the color by 10%, you get **49.4755, 57.6751, 51.8661**, and if you desaturate by 10%, it is **65.4917, 65.3685, 78.0630**.

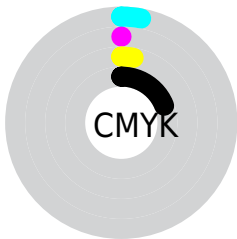
Distribution



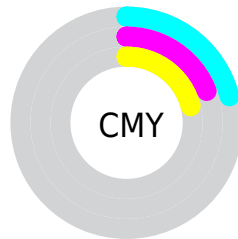
- Red (79%)
- Green (81%)
- Blue (79%)



- Red (79%)
- Yellow (81%)
- Blue (81%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (19%)



- Cyan (21%)
- Magenta (19%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9428, 61.2602, 64.0815 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 56.9428, 61.2602, 64.0815 by changing the saturation by 10% instead.

■ 56.9428, 61.2602,
64.0815

■ 56.9428, 61.2602,
64.0815

403.2526,
429.2274, 457.6994

■ 41.1993, 44.4352,
46.2701

99.5136, 106.6556,
112.3289

■ 28.6632, 31.0128,
32.1088

127.0715,
135.9948, 143.6020

■ 18.9692, 20.6086,
21.1791

159.2983,
170.2741, 180.1993

■ 11.7519, 12.8382,
13.0625

196.5593,
209.8781, 222.5395

■ 6.6460, 7.3172,
7.3403

239.2199,
255.1910, 271.0411

■ 3.2860, 3.6613,
3.5942

287.6454,

■ 1.3068, 1.4859,

306.5972, 326.1226

1.4055

342.2012,
364.4812, 388.2025

■ 0.1883, 0.2788,
0.1460

■ 0.0000, 0.0000,
0.0000

■ 56.9428, 61.2602,
64.0815

■ 56.9428, 61.2602,
64.0815

■ 49.4755, 57.6751,
51.8661

■ 65.4917, 65.3685,
78.0630

■ 43.0418, 54.5846,
41.3428

■ 75.1575, 70.0115,
93.8727

■ 37.5978, 51.9696,
32.4383

■ 81.6040, 73.1080,
104.4180

■ 33.0944, 49.8064,
25.0721

■ 29.4783, 48.0694,
19.1573

■ 26.6910, 46.7305,
14.5980

■ 24.6667, 45.7582,
11.2868

■ 23.3301, 45.1161,
9.1004

■ 22.5903, 44.7607,
7.8900

Harmonies

Analogous

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



57.5725, 61.2602, 62.6366



56.9428, 61.2602, 64.0815



56.6571, 61.2602, 66.2543

Triad

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



56.9428, 61.2602, 64.0815



58.0695, 61.2602, 71.3395



59.6874, 61.2602, 64.8410

Complementary

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



56.9428, 61.2602, 64.0815



57.8835, 59.5452, 67.4771

Split Complementary

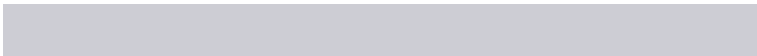
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.8235, 61.2602, 67.1516



56.9428, 61.2602, 64.0815



58.8844, 61.2602, 70.9395

Square

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



56.9428, 61.2602, 64.0815



57.3037, 61.2602, 70.4731



59.5283, 61.2602, 69.3929



59.1581, 61.2602, 63.0677

Rectangle

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



56.9428, 61.2602, 64.0815



56.6983, 61.2602, 67.8375



59.5283, 61.2602, 69.3929



59.7809, 61.2602, 65.5791

Sweetspot

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



56.9445, 61.2628, 64.0828



93.7102, 99.3564, 106.7085



58.5903, 62.1113, 64.1597



20.0720, 21.2731, 22.8631



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.



56.9445, 61.2628, 64.0828



91.0840, 98.0949, 102.4130



57.3012, 61.4055, 65.9610



12.6203, 13.6693, 14.1235



14.0581, 28.1162, 4.6862



0.7860, 1.5721, 0.2621

Inverse Universe

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



57.8835, 59.5452, 67.4771



92.6579, 95.2158, 108.1024



57.5199, 59.3997, 65.5623



12.8922, 13.1719, 15.1065



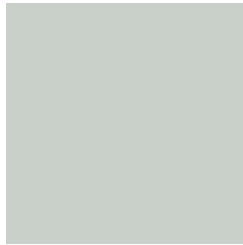
23.3076, 11.1959, 38.1218



1.3032, 0.6260, 2.1316

Previews

White Background



This preview shows how the XYZ color 56.9428, 61.2602, 64.0815 looks on a white background.

Color Contrast Check

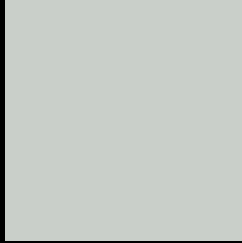
Large Text (above 18pt) WCAG AA × Fail

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 56.9428, 61.2602, 64.0815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

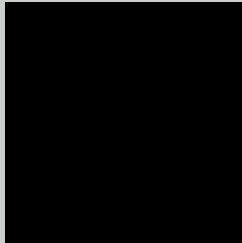
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

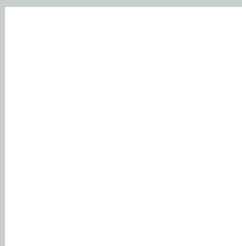
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.9428, 61.2602, 64.0815

Background



This preview shows how black text looks on a background with the XYZ color 56.9428, 61.2602, 64.0815.



This preview shows how white text looks on a background with the XYZ color 56.9428, 61.2602,

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

56.9428, 61.2602, 64.0815

Protanopia

58.4800, 61.0109, 62.7269

Deuteranopia

62.5669, 61.3274, 65.0397



Tritanopia

59.4130, 61.1904, 76.3897

Trichromacy



Original Color

56.9428, 61.2602, 64.0815

Protanomaly

57.9888, 61.0982, 63.3804

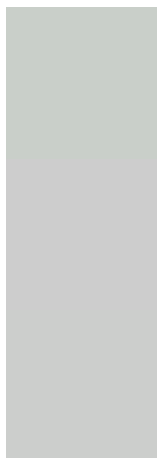
Deuteranomaly

60.3965, 61.2570, 64.5177

Tritanomaly

58.4702, 61.1632, 71.6748

Monochromacy



Original Color

56.9428, 61.2602, 64.0815

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.8722, 61.3396, 65.9163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9428, 61.2602, 64.0815 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(201, 207, 201) looks like.

```
.text, #text, p{  
    color:rgb(201, 207, 201)  
}
```

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(201, 207, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 207, 201) }
```

Border

The CSS property to change the border of an element to XYZ 56.9428, 61.2602, 64.0815 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(201, 207, 201) }
```


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

```
.border{ border-color:rgb(201, 207, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 207, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 207, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 207, 201);  
box-shadow:4px 4px 4px 4px rgb(201, 207,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9428, 61.2602, 64.0815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 207, 201) }
```

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

```
.background{ background-color: rgb(201,  
207, 201) }
```

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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