

Converting Colors

XYZ(56.8743, 61.8525, 64.0552)

Have a look what the booklet for
XYZ(56.8743, 61.8525, 64.0552)
contains.

XYZ(56.8963, 61.9601, 64.2191)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.8963, 61.9601,
64.2191)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D1C9
RGB	199, 209, 201
RGB Percent	78%, 82%, 79%
CMY	0.2196, 0.1804, 0.2118
CMYK	0.05, 0.00, 0.04, 0.18
HSL	132°, 10%, 80%
HSV	132°, 5%, 82%
XYZ	56.8963, 61.9601, 64.2191
YIQ	205.0980, -3.3920, -4.6080

Conversions

Conversions Part 2

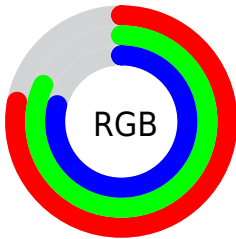
Format	Color
R_{YB}	199, 207, 209
Decimal	13095369
CIE Lab	82.89, -4.87, 2.78
CIE LCh	83, 5.606, 150.285
Yxy	61.9601, 0.3108, 0.3384
Android (android.graphics.Color)	4291285449 (0xFFC7D1C9)
YUV	205.0980, -2.0203, -5.3479
Hunter-Lab	78.7147, -8.7281, 6.7288

Details

The XYZ color **56.8963, 61.9601, 64.2191** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9827, 58.9088, 67.3491**, and the grayscale version is **58.1062, 61.1322, 66.5730**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.6649, 31.5690, 32.1864** is the 20% darker color. If you saturate the color by 10%, you get **49.8660, 58.5527, 54.1750**, and if you desaturate by 10%, it is **64.9059, 65.8511, 75.4296**.

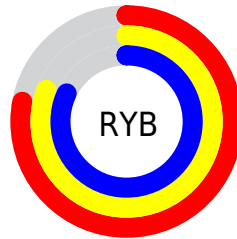
Distribution



Red (78%)

Green (82%)

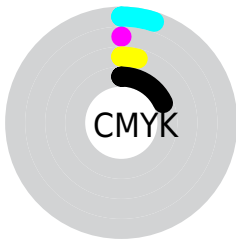
Blue (79%)



Red (78%)

Yellow (81%)

Blue (82%)

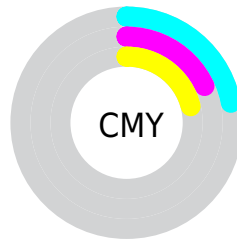


Cyan (5%)

Magenta (0%)

Yellow (4%)

Black (18%)



Cyan (22%)

Magenta (18%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8963, 61.9601, 64.2191 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 56.8963, 61.9601, 64.2191 by changing the saturation by 10% instead.

■ 56.8963, 61.9601,
64.2191

■ 56.8963, 61.9601,
64.2191

403.0811,
431.7855, 458.2096

■ 41.1618, 45.0005,
46.3808

99.4461, 107.6679,
112.5289

■ 28.6338, 31.4578,
32.1956

126.9921,
137.1848, 143.8376

■ 18.9468, 20.9477,
21.2449

159.2060,
171.6562, 180.4734

■ 11.7356, 13.0858,
13.1102

196.4531,
211.4666, 222.8550

■ 6.6348, 7.4876,
7.3728

239.0988,
257.0004, 271.4008

■ 3.2791, 3.7689,
3.6144

287.5085,

■ 1.3030, 1.5451,

308.6418, 326.5295

1.4163

342.0475,
366.7754, 388.6596

■ 0.1855, 0.3202,
0.1544

■ 0.0000, 0.0000,
0.0000

■ 56.8963, 61.9601,
64.2191

■ 56.8963, 61.9601,
64.2191

■ 49.8660, 58.5527,
54.1750

■ 64.9059, 65.8511,
75.4296

■ 43.7722, 55.6023,
45.2556

■ 73.9252, 70.2355,
87.8380

■ 38.5764, 53.0918,
37.4231

■ 81.4805, 73.8389,
101.3623

■ 34.2356, 50.9997,
30.6358

■ 82.0917, 74.0833,
104.5806

■ 30.7032, 49.3031,
24.8493

■ 27.9278, 47.9764,
20.0161

■ 25.8523, 46.9913,
16.0849

■ 24.4110, 46.3152,
12.9993

■ 23.5250, 45.9084,
10.6965

Harmonies

Analogous

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



57.7273, 61.9601, 61.8796



56.8963, 61.9601, 64.2191



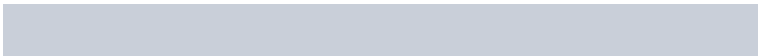
56.5983, 61.9601, 67.4971

Triad

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



56.8963, 61.9601, 64.2191



58.9028, 61.9601, 74.3392



60.9204, 61.9601, 64.1637

Complementary

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



56.8963, 61.9601, 64.2191



57.9827, 58.9088, 67.3491

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.



61.2453, 61.9601, 67.4310



56.8963, 61.9601, 64.2191



60.0707, 61.9601, 73.3747

Square

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



56.8963, 61.9601, 64.2191



57.7470, 61.9601, 73.4096



60.9322, 61.9601, 70.8164



60.0504, 61.9601, 61.8484

Rectangle

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



56.8963, 61.9601, 64.2191



56.7387, 61.9601, 69.7973



60.9322, 61.9601, 70.8164



61.0975, 61.9601, 65.1834

Sweetspot

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



56.8980, 61.9628, 64.2205



93.7913, 99.3889, 107.1356



58.8905, 63.0169, 63.0934



20.0885, 21.2797, 22.9500



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.



56.8980, 61.9628, 64.2205



87.7347, 96.4493, 98.5958



57.4760, 62.1940, 67.2642



12.1979, 13.4609, 13.6833



14.3418, 28.2296, 6.1800



0.8307, 1.5900, 0.4974

Inverse Universe

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



57.9827, 58.9088, 67.3491



89.8732, 90.4282, 104.7640



57.4004, 58.6758, 64.2825



12.5216, 12.5493, 14.6171



20.5610, 10.0972, 23.6581



1.1760, 0.5751, 1.4618

Previews

White Background



This preview shows how the XYZ color 56.8963, 61.9601, 64.2191 looks on a white background.

Color Contrast Check

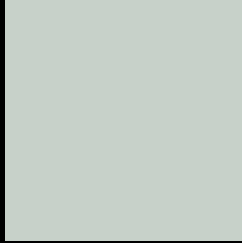
Large Text (above 18pt) WCAG AA × Fail

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 56.8963, 61.9601, 64.2191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

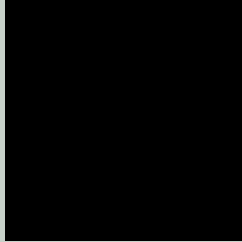
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

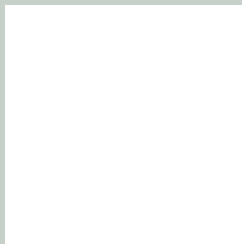
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.8963, 61.9601, 64.2191

Background



This preview shows how black text looks on a background with the XYZ color 56.8963, 61.9601, 64.2191.



This preview shows how white text looks on a background with the XYZ color 56.8963, 61.9601, 64.2191.

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

56.8963, 61.9601, 64.2191

Protanopia

59.2915, 61.7832, 62.8332

Deuteranopia

62.8815, 61.4895, 65.0544



Tritanopia

59.6132, 61.9731, 77.9273

Trichromacy



Original Color

56.8963, 61.9601, 64.2191

Protanomaly

58.2288, 61.5781, 63.4604

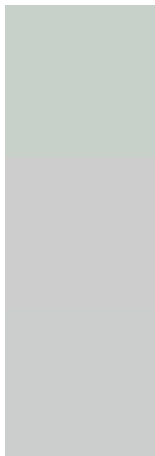
Deuteranomaly

60.6319, 61.7279, 64.5961

Tritanomaly

58.5378, 61.8982, 72.4806

Monochromacy



Original Color

56.8963, 61.9601, 64.2191

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.5990, 61.1988, 65.9035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8963, 61.9601, 64.2191 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(199, 209, 201) looks like.

```
.text, #text, p{  
    color:rgb(199, 209, 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(199, 209, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 209, 201) }
```

Border

The CSS property to change the border of an element to XYZ 56.8963, 61.9601, 64.2191 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(199, 209, 201) }
```


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

```
.border{ border-color:rgb(199, 209, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 209, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 209, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 209, 201);  
box-shadow:4px 4px 4px 4px rgb(199, 209,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8963, 61.9601, 64.2191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 209, 201) }
```

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

```
.background{ background-color: rgb(199,  
209, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor