

Converting Colors

XYZ(56.6161, 61.7700, 64.4714)

Have a look what the booklet for
XYZ(56.6161, 61.7700, 64.4714)
contains.

XYZ(56.6318, 61.8237, 64.2067)	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(56.6318, 61.8237,
64.2067)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D1C9
RGB	198, 209, 201
RGB Percent	78%, 82%, 79%
CMY	0.2235, 0.1804, 0.2118
CMYK	0.05, 0.00, 0.04, 0.18
HSL	136°, 11%, 80%
HSV	136°, 5%, 82%
XYZ	56.6318, 61.8237, 64.2067
YIQ	204.7990, -3.9880, -4.8200

Conversions

Conversions Part 2

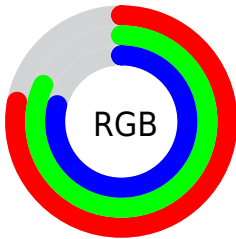
Format	Color
R_{YB}	198, 207, 209
Decimal	13029833
CIE Lab	82.82, -5.21, 2.66
CIE LCh	83, 5.851, 152.914
Yxy	61.8237, 0.3100, 0.3385
Android (android.graphics.Color)	4291219913 (0xFFC6D1C9)
YUV	204.7990, -1.8729, -5.9627
Hunter-Lab	78.6280, -9.0346, 6.6241

Details

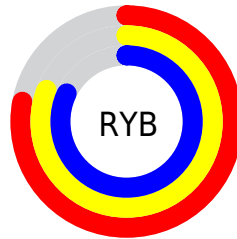
The XYZ color **56.6318, 61.8237, 64.2067** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6314, 58.4013, 66.6306**, and the grayscale version is **57.9154, 60.9315, 66.3544**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.4894, 31.4786, 32.1782** is the 20% darker color. If you saturate the color by 10%, you get **49.7977, 58.4989, 55.0095**, and if you desaturate by 10%, it is **64.4066, 65.6165, 74.3745**.

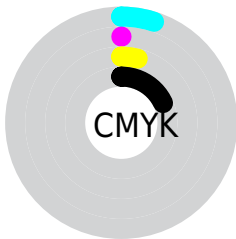
Distribution



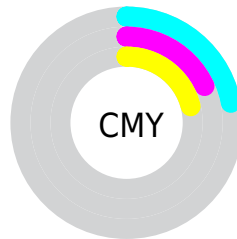
- Red (78%)
- Green (82%)
- Blue (79%)



- 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 56.6318, 61.8237, 64.2067 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 56.6318, 61.8237, 64.2067 by changing the saturation by 10% instead.

■ 56.6318, 61.8237,
64.2067

■ 56.6318, 61.8237,
64.2067

402.1047,
431.2877, 458.1636

■ 40.9487, 44.8903,
46.3709

99.0622, 107.4707,
112.5109

■ 28.4665, 31.3710,
32.1878

126.5402,
136.9530, 143.8163

■ 18.8198, 20.8815,
21.2390

158.6805,
171.3871, 180.4487

■ 11.6434, 13.0374,
13.1059

195.8486,
211.1574, 222.8266

■ 6.5718, 7.4543,
7.3699

238.4096,
256.6481, 271.3684

■ 3.2397, 3.7478,
3.6126

286.7291,

■ 1.2818, 1.5335,

308.2439, 326.4929

1.4153

341.1723,
366.3289, 388.6184

■ 0.1695, 0.3121,
0.1536

■ 0.0000, 0.0000,
0.0000

■ 56.6318, 61.8237,
64.2067

■ 56.6318, 61.8237,
64.2067

■ 49.7977, 58.4989,
55.0095

■ 64.4066, 65.6165,
74.3745

■ 43.8631, 55.6161,
46.7503

■ 73.1510, 69.8864,
85.5360

■ 38.7913, 53.1589,
39.4009

■ 80.7696, 73.5544,
97.6190

■ 34.5411, 51.1067,
32.9298

■ 82.0916, 74.0832,
104.5805

■ 31.0676, 49.4370,
27.3040

■ 28.3220, 48.1253,
22.4881

■ 26.2491, 47.1441,
18.4446

■ 24.7860, 46.4616,
15.1325

■ 23.8561, 46.0394,
12.5070

Harmonies

Analogous

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



57.4555, 61.8237, 61.6595



56.6318, 61.8237, 64.2067



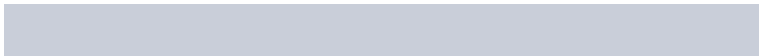
56.3761, 61.8237, 67.6686

Triad

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



56.6318, 61.8237, 64.2067



58.8847, 61.8237, 74.4822



60.8181, 61.8237, 63.6169

Complementary

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



56.6318, 61.8237, 64.2067



57.6314, 58.4013, 66.6306

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.



61.2134, 61.8237, 66.9636



56.6318, 61.8237, 64.2067



60.0873, 61.8237, 73.3072

Square

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



56.6318, 61.8237, 64.2067



57.6658, 61.8237, 73.6809



60.9441, 61.8237, 70.5231



59.8711, 61.8237, 61.3277

Rectangle

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



56.6318, 61.8237, 64.2067



56.5591, 61.8237, 70.0520



60.9441, 61.8237, 70.5231



61.0205, 61.8237, 64.6512

Sweetspot

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



56.6335, 61.8263, 64.2081



92.6069, 98.8089, 105.6982



58.4680, 62.8124, 62.4695



19.8473, 21.1616, 22.6574



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.



56.6335, 61.8263, 64.2081



87.9030, 96.5166, 99.4823



57.2845, 62.0867, 67.6362



12.2233, 13.4710, 13.8173



14.5490, 28.3125, 7.2711



0.8472, 1.5965, 0.5839

Inverse Universe

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



57.6314, 58.4013, 66.6306



89.6974, 90.3579, 103.8384



56.9822, 58.1417, 63.2121



12.4950, 12.5387, 14.4767



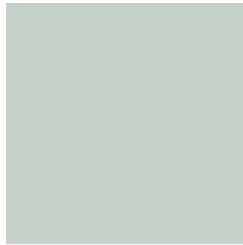
19.7510, 9.7732, 19.3925



1.1367, 0.5594, 1.2548

Previews

White Background



This preview shows how the XYZ color 56.6318, 61.8237, 64.2067 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 56.6318, 61.8237, 64.2067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

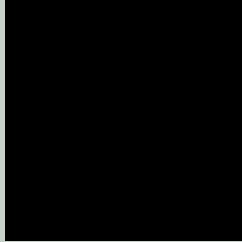
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

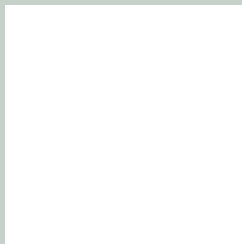
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.6318, 61.8237, 64.2067

Background



This preview shows how black text looks on a background with the XYZ color 56.6318, 61.8237, 64.2067.



This preview shows how white text looks on a background with the XYZ color 56.6318, 61.8237,

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

56.6318, 61.8237, 64.2067

Protanopia

59.0041, 61.6350, 62.8197

Deuteranopia

62.8815, 61.4895, 65.0544



Tritanopia

59.3435, 61.8340, 77.9147

Trichromacy



Original Color

56.6318, 61.8237, 64.2067

Protanomaly

57.9502, 61.4346, 63.4473

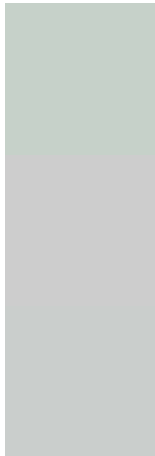
Deuteranomaly

60.3355, 61.5751, 64.5823

Tritanomaly

58.2698, 61.7600, 72.4681

Monochromacy



Original Color

56.6318, 61.8237, 64.2067

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.3275, 61.0588, 65.8908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6318, 61.8237, 64.2067 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(198, 209, 201) looks like.

```
.text, #text, p{  
    color:rgb(198, 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(198, 209, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 209, 201) }
```

Border

The CSS property to change the border of an element to XYZ 56.6318, 61.8237, 64.2067 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(198, 209, 201) }
```


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

```
.border{ border-color:rgb(198, 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(198, 209, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 209, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 209, 201);  
box-shadow:4px 4px 4px 4px rgb(198, 209,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6318, 61.8237, 64.2067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 209, 201) }
```

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

```
.background{ background-color: rgb(198,  
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