

Converting Colors

XYZ(56.0875, 61.1237, 62.8155)

Have a look what the booklet for
XYZ(56.0875, 61.1237, 62.8155)
contains.

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Color

**XYZ(56.1534, 61.2410,
62.8939)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D0C7
RGB	198, 208, 199
RGB Percent	78%, 82%, 78%
CMY	0.2235, 0.1843, 0.2196
CMYK	0.05, 0.00, 0.04, 0.18
HSL	126°, 10%, 80%
HSV	126°, 5%, 82%
XYZ	56.1534, 61.2410, 62.8939
YIQ	203.9840, -3.0710, -4.9190

Conversions

Conversions Part 2

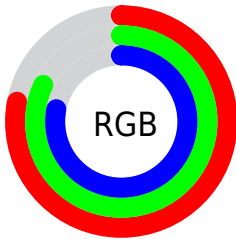
Format	Color
R _Y B	198, 207, 208
Decimal	13029575
CIE Lab	82.51, -5.06, 3.28
CIE LCh	83, 6.025, 147.037
Yxy	61.2410, 0.3115, 0.3397
Android (android.graphics.Color)	4291219655 (0xFFC6D0C7)
YUV	203.9840, -2.4571, -5.2480
Hunter-Lab	78.2566, -8.8656, 7.1290

Details

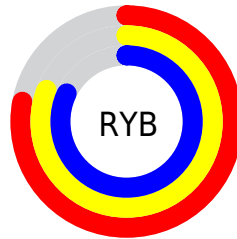
The XYZ color **56.1534, 61.2410, 62.8939** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4713, 58.3047, 67.2594**, and the grayscale version is **57.4023, 60.3917, 65.7665**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.1680, 31.0848, 31.3034** is the 20% darker color. If you saturate the color by 10%, you get **49.0011, 57.7915, 51.9021**, and if you desaturate by 10%, it is **64.3295, 65.1909, 75.3322**.

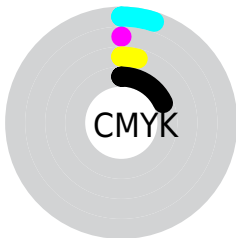
Distribution



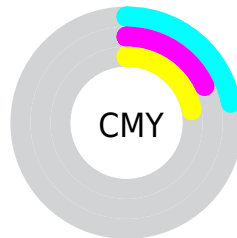
- Red (78%)
- Green (82%)
- Blue (78%)



- Red (78%)
- Yellow (81%)
- Blue (82%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1534, 61.2410, 62.8939 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 56.1534, 61.2410, 62.8939 by changing the saturation by 10% instead.

■ 56.1534, 61.2410,
62.8939

■ 56.1534, 61.2410,
62.8939

400.3350,
429.1571, 453.2817

■ 40.5634, 44.4197,
45.3149

98.3673, 106.6278,
110.6005

■ 28.1643, 31.0006,
31.3608

125.7220,
135.9621, 141.5653

■ 18.5906, 20.5993,
20.6130

157.7289,
170.2362, 177.8290

■ 11.4771, 12.8314,
12.6529

194.7535,
209.8344, 219.8103

■ 6.4583, 7.3126,
7.0621

237.1610,
255.1412, 267.9277

■ 3.1690, 3.6583,
3.4219

285.3169,

■ 1.2438, 1.4843,

306.5410, 322.5996

1.3139

339.5864,
364.4182, 384.2448

■ 0.1405, 0.2777,
0.0731

■ 0.0000, 0.0000,
0.0000

■ 56.1534, 61.2410,
62.8939

■ 56.1534, 61.2410,
62.8939

■ 49.0011, 57.7915,
51.9021

■ 64.3295, 65.1909,
75.3322

■ 42.8274, 54.8150,
42.3003

■ 73.5623, 69.6518,
89.2625

■ 37.5912, 52.2931,
34.0345

■ 81.8470, 73.5941,
104.4990

■ 33.2464, 50.2035,
27.0454

■ 29.7432, 48.5218,
21.2694

■ 27.0268, 47.2211,
16.6373

■ 25.0357, 46.2715,
13.0731

■ 23.6996, 45.6384,
10.4914

■ 22.9333, 45.2802,
8.7940

Harmonies

Analogous

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



57.0886, 61.2410, 60.5577



56.1534, 61.2410, 62.8939



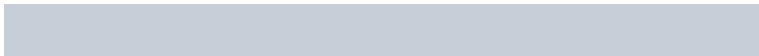
55.7681, 61.2410, 66.3149

Triad

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



56.1534, 61.2410, 62.8939



58.0797, 61.2410, 74.0220



60.4428, 61.2410, 63.5070

Complementary

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



56.1534, 61.2410, 62.8939



57.4713, 58.3047, 67.2594

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.



60.7175, 61.2410, 67.0486



56.1534, 61.2410, 62.8939



59.3414, 61.2410, 73.2038

Square

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



56.1534, 61.2410, 62.8939



56.8699, 61.2410, 72.8141



60.3116, 61.2410, 70.6172



59.5664, 61.2410, 60.9024

Rectangle

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



56.1534, 61.2410, 62.8939



55.8706, 61.2410, 68.7819



60.3116, 61.2410, 70.6172



60.6092, 61.2410, 64.6234

Sweetspot

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



56.1551, 61.2436, 62.8952



93.7507, 99.3726, 106.9219



58.5302, 62.4814, 62.4023



20.0802, 21.2764, 22.9065



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.



56.1551, 61.2436, 62.8952



87.5049, 96.3574, 97.3857



56.7256, 61.4718, 65.8996



12.1632, 13.4470, 13.5006



14.1579, 28.1561, 5.2116



0.8084, 1.5810, 0.3797

Inverse Universe

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



57.4713, 58.3047, 67.2594



90.1165, 90.5256, 106.0456



56.8890, 58.0718, 64.1930



12.5586, 12.5641, 14.8116



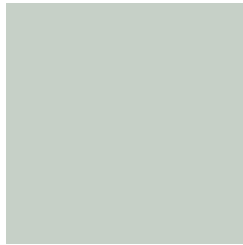
21.8371, 10.6077, 30.3781



1.2361, 0.5991, 1.7779

Previews

White Background



This preview shows how the XYZ color 56.1534, 61.2410, 62.8939 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 56.1534, 61.2410, 62.8939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

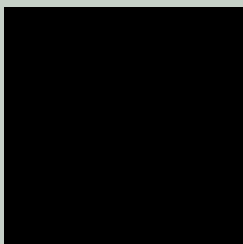
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

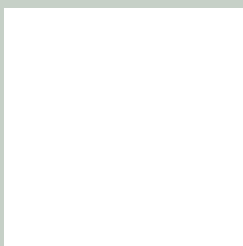
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.1534, 61.2410, 62.8939

Background



This preview shows how black text looks on a background with the XYZ color 56.1534, 61.2410, 62.8939.

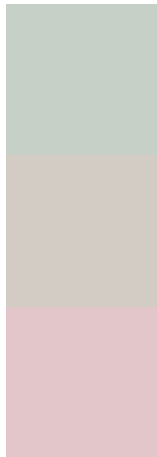


This preview shows how white text looks on a background with the XYZ color 56.1534, 61.2410,

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

56.1534, 61.2410, 62.8939

Protanopia

58.5349, 61.0658, 61.5251

Deuteranopia

62.1007, 60.7740, 63.7158



Tritanopia

58.9699, 61.3006, 77.1308

Trichromacy



Original Color

56.1534, 61.2410, 62.8939

Protanomaly

57.4780, 60.8617, 62.1441

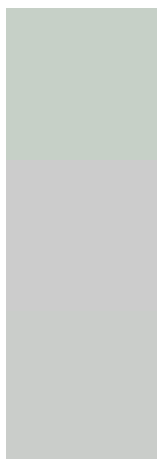
Deuteranomaly

59.8648, 61.0101, 63.2645

Tritanomaly

57.9010, 61.2261, 71.7169

Monochromacy



Original Color

56.1534, 61.2410, 62.8939

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.8491, 60.4835, 64.5553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1534, 61.2410, 62.8939 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, 208, 199) looks like.

```
.text, #text, p{  
    color:rgb(198, 208, 199)  
}
```

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, 208, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 208, 199) }
```

Border

The CSS property to change the border of an element to XYZ 56.1534, 61.2410, 62.8939 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, 208, 199) }
```


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

```
.border{ border-color:rgb(198, 208, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 208, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 208, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 208, 199);  
box-shadow:4px 4px 4px 4px rgb(198, 208,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1534, 61.2410, 62.8939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 208, 199) }
```

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

```
.background{ background-color: rgb(198,  
208, 199) }
```

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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