

Converting Colors

XYZ(55.7286, 60.9897, 62.6755)

Have a look what the booklet for
XYZ(55.7286, 60.9897, 62.6755)
contains.

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Color

**XYZ(55.8906, 61.1056,
62.8816)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D0C7
RGB	197, 208, 199
RGB Percent	77%, 82%, 78%
CMY	0.2274, 0.1843, 0.2196
CMYK	0.05, 0.00, 0.04, 0.18
HSL	131°, 10%, 79%
HSV	131°, 5%, 82%
XYZ	55.8906, 61.1056, 62.8816
YIQ	203.6850, -3.6670, -5.1310

Conversions

Conversions Part 2

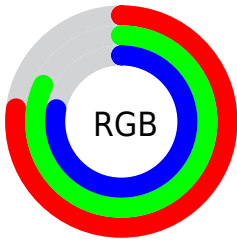
Format	Color
RYB	197, 206, 208
Decimal	12964039
CIELab	82.44, -5.40, 3.16
CIELCh	82, 6.256, 149.623
Yxy	61.1056, 0.3107, 0.3397
Android (android.graphics.Color)	4291154119 (0xFFC5D0C7)
YUV	203.6850, -2.3097, -5.8627
Hunter-Lab	78.1701, -9.1724, 7.0250

Details

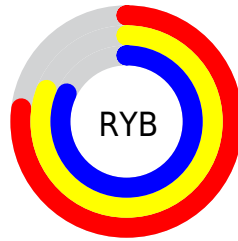
The XYZ color **55.8906, 61.1056, 62.8816** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.1215, 57.8001, 66.5414**, and the grayscale version is **57.2129, 60.1924, 65.5495**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **27.9941, 30.9952, 31.2953** is the 20% darker color. If you saturate the color by 10%, you get **48.9486, 57.7443, 52.8122**, and if you desaturate by 10%, it is **63.8086, 64.9480, 74.1530**.

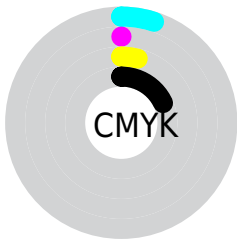
Distribution



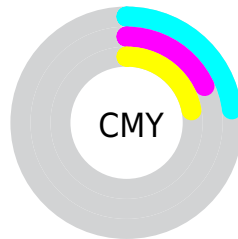
- Red (77%)
- Green (82%)
- Blue (78%)



- Red (77%)
- Yellow (81%)
- Blue (82%)



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



- Cyan (23%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8906, 61.1056, 62.8816 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 55.8906, 61.1056, 62.8816 by changing the saturation by 10% instead.

■ 55.8906, 61.1056,
62.8816

■ 55.8906, 61.1056,
62.8816

399.3608,
428.6611, 453.2358

■ 40.3519, 44.3104,
45.3050

97.9853, 106.4318,
110.5826

■ 27.9984, 30.9146,
31.3531

125.2721,
135.7316, 141.5441

■ 18.4649, 20.5338,
20.6071

157.2055,
169.9684, 177.8044

■ 11.3860, 12.7837,
12.6487

194.1510,
209.5266, 219.7820

■ 6.3963, 7.2798,
7.0592

236.4739,
254.7906, 267.8953

■ 3.1304, 3.6377,
3.4202

284.5396,

■ 1.2231, 1.4730,

306.1447, 322.5631

1.3130

338.7135,
363.9734, 384.2037

■ 0.1245, 0.2696,
0.0724

■ 0.0000, 0.0000,
0.0000

■ 55.8906, 61.1056,
62.8816

■ 55.8906, 61.1056,
62.8816

■ 48.9486, 57.7443,
52.8122

■ 63.8086, 64.9480,
74.1530

■ 42.9397, 54.8376,
43.9011

■ 72.7332, 69.2812,
86.6600

■ 37.8253, 52.3682,
36.1080

■ 81.0617, 73.2800,
100.3634

■ 33.5620, 50.3147,
29.3886

■ 81.8471, 73.5941,
104.4990

■ 30.1030, 48.6540,
23.6957

■ 27.3967, 47.3604,
18.9788

■ 25.3855, 46.4055,
15.1827

■ 24.0030, 45.7564,
12.2470

■ 23.1694, 45.3733,
10.1037

Harmonies

Analogous

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



56.8183, 61.1056, 60.3400



55.8906, 61.1056, 62.8816



55.5476, 61.1056, 66.4852

Triad

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



55.8906, 61.1056, 62.8816



58.0621, 61.1056, 74.1661



60.3412, 61.1056, 62.9625

Complementary

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



55.8906, 61.1056, 62.8816



57.1215, 57.8001, 66.5414

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.



60.6863, 61.1056, 66.5821



55.8906, 61.1056, 62.8816



59.3583, 61.1056, 73.1372

Square

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



55.8906, 61.1056, 62.8816



56.7895, 61.1056, 73.0856



60.3239, 61.1056, 70.3244



59.3880, 61.1056, 60.3854

Rectangle

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



55.8906, 61.1056, 62.8816



55.6925, 61.1056, 69.0354



60.3239, 61.1056, 70.3244



60.5328, 61.1056, 64.0930

Sweetspot

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



55.8923, 61.1082, 62.8829



92.5338, 98.7797, 105.3133



58.1363, 62.2917, 61.7834



19.8324, 21.1557, 22.5790



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.



55.8923, 61.1082, 62.8829



87.6928, 96.4326, 98.3753



56.5229, 61.3604, 66.2036



12.1916, 13.4583, 13.6500



14.3001, 28.2130, 5.9604



0.8267, 1.5883, 0.4760

Inverse Universe

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



57.1215, 57.8001, 66.5414



89.9172, 90.4458, 104.9960



56.4840, 57.5451, 63.1848



12.5283, 12.5520, 14.6523



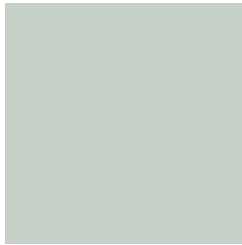
20.7786, 10.1843, 24.8040



1.1864, 0.5793, 1.5164

Previews

White Background



This preview shows how the XYZ color 55.8906, 61.1056, 62.8816 looks on a white background.

Color Contrast Check

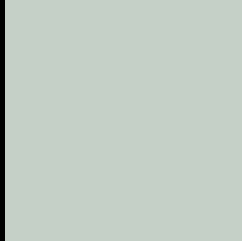
Large Text (above 18pt) WCAG AA × Fail

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 55.8906, 61.1056, 62.8816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

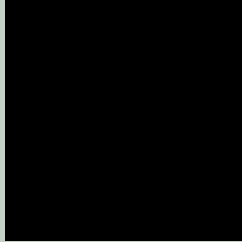
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

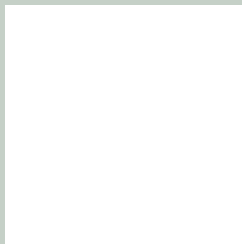
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.8906, 61.1056, 62.8816

Background



This preview shows how black text looks on a background with the XYZ color 55.8906, 61.1056, 62.8816.



This preview shows how white text looks on a background with the XYZ color 55.8906, 61.1056,

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

55.8906, 61.1056, 62.8816

Protanopia

58.2493, 60.9186, 61.5117

Deuteranopia

62.1007, 60.7740, 63.7158



Tritanopia

58.7019, 61.1625, 77.1182

Trichromacy



Original Color

55.8906, 61.1056, 62.8816

Protanomaly

57.2012, 60.7190, 62.1312

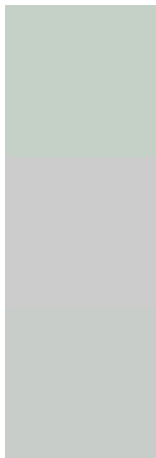
Deuteranomaly

59.5702, 60.8583, 63.2507

Tritanomaly

57.6347, 61.0888, 71.7044

Monochromacy



Original Color

55.8906, 61.1056, 62.8816

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.5794, 60.3444, 64.5427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8906, 61.1056, 62.8816 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(197, 208, 199)` looks like.

```
.text, #text, p{  
    color:rgb(197, 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(197, 208, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 208, 199) }
```

Border

The CSS property to change the border of an element to XYZ 55.8906, 61.1056, 62.8816 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(197, 208, 199) }
```


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

```
.border{ border-color:rgb(197, 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(197, 208, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 208, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 208, 199);  
box-shadow:4px 4px 4px 4px rgb(197, 208,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8906, 61.1056, 62.8816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 208, 199) }
```

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

```
.background{ background-color: rgb(197,  
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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