

Converting Colors

XYZ(56.6227, 62.7638, 63.1631)

Have a look what the booklet for
XYZ(56.6227, 62.7638, 63.1631)
contains.

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Color

**XYZ(56.8782, 63.0808,
63.2108)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D4C7
RGB	197, 212, 199
RGB Percent	77%, 83%, 78%
CMY	0.2274, 0.1686, 0.2196
CMYK	0.07, 0.00, 0.06, 0.17
HSL	128°, 15%, 80%
HSV	128°, 7%, 83%
XYZ	56.8782, 63.0808, 63.2108
YIQ	206.0330, -4.7670, -7.2230

Conversions

Conversions Part 2

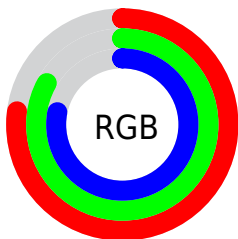
Format	Color
RYB	197, 210, 212
Decimal	12965063
CIELab	83.48, -7.47, 4.68
CIELCh	83, 8.815, 147.909
Yxy	63.0808, 0.3105, 0.3444
Android (android.graphics.Color)	4291155143 (0xFFC5D4C7)
YUV	206.0330, -3.4673, -7.9219
Hunter-Lab	79.4234, -11.1602, 8.4092

Details

The XYZ color **56.8782, 63.0808, 63.2108** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7527, 58.5842, 69.1870**, and the grayscale version is **58.7125, 61.7701, 67.2676**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **28.4955, 31.9979, 31.4624** is the 20% darker color. If you saturate the color by 10%, you get **49.7065, 59.6172, 52.4034**, and if you desaturate by 10%, it is **65.0918, 67.0553, 75.4143**.

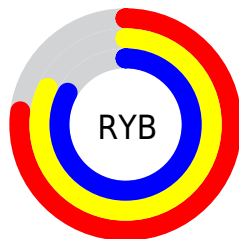
Distribution



Red (77%)

Green (83%)

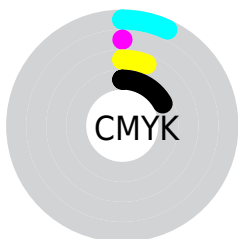
Blue (78%)



Red (77%)

Yellow (82%)

Blue (83%)

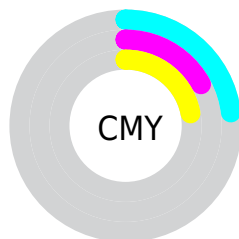


Cyan (7%)

Magenta (0%)

Yellow (6%)

Black (17%)



Cyan (23%)

Magenta (17%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8782, 63.0808, 63.2108 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 56.8782, 63.0808, 63.2108 by changing the saturation by 10% instead.

■ 56.8782, 63.0808,
63.2108

■ 56.8782, 63.0808,
63.2108

403.0143,
435.8627, 454.4631

■ 41.1472, 45.9066,
45.5697

99.4198, 109.2861,
111.0621

■ 28.6223, 32.1721,
31.5602

126.9612,
139.0859, 142.1093

■ 18.9381, 21.4930,
20.7637

159.1700,
173.8631, 178.4623

■ 11.7293, 13.4848,
12.7619

196.4118,
214.0020, 220.5397

■ 6.6305, 7.7632,
7.1360

239.0517,
259.8870, 268.7599

■ 3.2764, 3.9438,
3.4675

287.4552,

■ 1.3016, 1.6422,

311.9025, 323.5415

1.3380

341.9876,
370.4329, 385.3031

■ 0.1844, 0.3858,
0.0927

■ 0.0000, 0.0000,
0.0000

■ 56.8782, 63.0808,
63.2108

■ 56.8782, 63.0808,
63.2108

■ 49.7065, 59.6172,
52.4034

■ 65.0918, 67.0553,
75.4143

■ 43.5298, 56.6362,
42.9383

■ 74.3812, 71.5518,
89.0568

■ 38.3056, 54.1185,
34.7643

■ 82.6939, 75.5131,
104.0867

■ 33.9862, 52.0409,
27.8254

■ 82.8347, 75.5694,
104.8282

■ 30.5197, 50.3778,
22.0615

■ 27.8490, 49.1012,
17.4076

■ 25.9097, 48.1795,
13.7920

■ 24.6273, 47.5759,
11.1350

■ 23.9058, 47.2428,
9.3448

Harmonies

Analogous

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



58.2424, 63.0808, 59.7453



56.8782, 63.0808, 63.2108



56.3369, 63.0808, 68.2986

Triad

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



56.8782, 63.0808, 63.2108



59.8216, 63.0808, 79.8190



63.2835, 63.0808, 63.8462

Complementary

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



56.8782, 63.0808, 63.2108



58.7527, 58.5842, 69.1870

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.



63.7278, 63.0808, 69.0714



56.8782, 63.0808, 63.2108



61.7037, 63.0808, 78.4732

Square

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



56.8782, 63.0808, 63.2108



58.0135, 63.0808, 78.0516



63.1437, 63.0808, 74.4649



61.9423, 63.0808, 60.0981

Rectangle

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



56.8782, 63.0808, 63.2108



56.5065, 63.0808, 71.9921



63.1437, 63.0808, 74.4649



63.5439, 63.0808, 65.4793

Sweetspot

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



56.8800, 63.0835, 63.2122



92.4949, 98.7641, 105.1084



60.2738, 64.8597, 62.1664



19.8245, 21.1525, 22.5373



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.



56.8800, 63.0835, 63.2122



85.2219, 95.2473, 94.2588



57.7424, 63.4285, 67.7537



12.3291, 13.9227, 13.5478



14.6870, 29.1302, 5.6476



0.9083, 1.7660, 0.4590

Inverse Universe

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



58.7527, 58.5842, 69.1870



88.4491, 87.4939, 104.5547



57.8693, 58.2308, 64.5351



12.8785, 12.6029, 15.3003



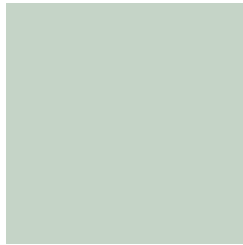
22.1129, 10.7815, 28.9624



1.3540, 0.6584, 1.8533

Previews

White Background



This preview shows how the XYZ color 56.8782, 63.0808, 63.2108 looks on a white background.

Color Contrast Check

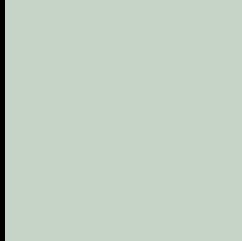
Large Text (above 18pt) WCAG AA × Fail

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 56.8782, 63.0808, 63.2108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

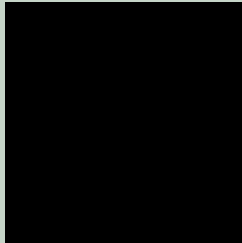
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

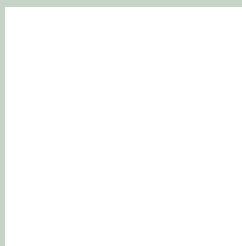
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.8782, 63.0808, 63.2108

Background



This preview shows how black text looks on a background with the XYZ color 56.8782, 63.0808, 63.2108.



This preview shows how white text looks on a background with the XYZ color 56.8782, 63.0808,

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

56.8782, 63.0808, 63.2108

Protanopia

60.0082, 62.9073, 61.2041

Deuteranopia

64.0624, 62.8133, 64.0061



Tritanopia

60.2339, 62.9655, 80.2131

Trichromacy



Original Color

56.8782, 63.0808, 63.2108

Protanomaly

58.8909, 63.0420, 61.8878

Deuteranomaly

61.1701, 62.7382, 63.5293

Tritanomaly

59.0146, 62.8382, 73.9843

Monochromacy



Original Color

56.8782, 63.0808, 63.2108

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.9640, 62.1201, 65.4353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8782, 63.0808, 63.2108 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, 212, 199)` looks like.

```
.text, #text, p{  
    color:rgb(197, 212, 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, 212, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 212, 199) }
```

Border

The CSS property to change the border of an element to XYZ 56.8782, 63.0808, 63.2108 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, 212, 199) }
```


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

```
.border{ border-color:rgb(197, 212, 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, 212, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 212, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 212, 199);  
box-shadow:4px 4px 4px 4px rgb(197, 212,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8782, 63.0808, 63.2108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 212, 199) }
```

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

```
.background{ background-color: rgb(197,  
212, 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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