

Converting Colors

XYZ(56.5368, 63.3525, 62.9107)

Have a look what the booklet for
XYZ(56.5368, 63.3525, 62.9107)
contains.

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Color

**XYZ(56.4930, 63.2678,
62.6605)**

Conversions

Conversions Part 1

Format	Color
Hex	C3D5C6
RGB	195, 213, 198
RGB Percent	76%, 84%, 78%
CMY	0.2353, 0.1647, 0.2235
CMYK	0.08, 0.00, 0.07, 0.16
HSL	130°, 18%, 80%
HSV	130°, 8%, 84%
XYZ	56.4930, 63.2678, 62.6605
YIQ	205.9080, -5.9130, -8.4810

Conversions

Conversions Part 2

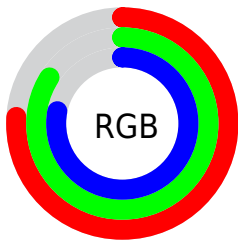
Format	Color
RYB	195, 210, 213
Decimal	12834246
CIELab	83.58, -8.84, 5.34
CIELCh	84, 10.330, 148.888
Yxy	63.2678, 0.3097, 0.3468
Android (android.graphics.Color)	4291024326 (0xFFC3D5C6)
YUV	205.9080, -3.8986, -9.5663
Hunter-Lab	79.5411, -12.4196, 8.9715

Details

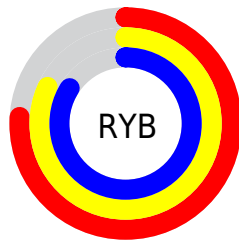
The XYZ color **56.4930, 63.2678, 62.6605** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5909, 57.8311, 69.0503**, and the grayscale version is **58.6357, 61.6893, 67.1797**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **28.2454, 32.1301, 31.0986** is the 20% darker color. If you saturate the color by 10%, you get **49.4483, 59.8608, 52.2621**, and if you desaturate by 10%, it is **64.5664, 67.1810, 74.3624**.

Distribution



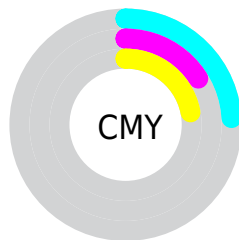
- Red (76%)
- Green (84%)
- Blue (78%)



- Red (76%)
- Yellow (82%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4930, 63.2678, 62.6605 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 56.4930, 63.2678, 62.6605 by changing the saturation by 10% instead.

■ 56.4930, 63.2678,
62.6605

■ 56.4930, 63.2678,
62.6605

401.5917,
436.5407, 452.4103

■ 40.8369, 46.0579,
45.1274

■ 98.8607, 109.5558,
110.2604

■ 28.3788, 32.2915,
31.2141

126.3029,
139.4026, 141.1643

■ 18.7533, 21.5843,
20.5021

158.4046,
174.2306, 177.3621

■ 11.5951, 13.5517,
12.5729

195.5311,
214.4240, 219.2725

■ 6.5388, 7.8096,
7.0078

238.0476,
260.3674, 267.3140

■ 3.2191, 3.9733,
3.3885

286.3197,

■ 1.2707, 1.6587,

312.4450, 321.9051

1.2963

340.7126,
371.0413, 383.4644

■ 0.1611, 0.3967,
0.0587

■ 0.0000, 0.0000,
0.0000

■ 56.4930, 63.2678,
62.6605

■ 56.4930, 63.2678,
62.6605

■ 49.4483, 59.8608,
52.2621

■ 64.5664, 67.1810,
74.3624

■ 43.3856, 56.9315,
43.1180

■ 73.7021, 71.6113,
87.4063

■ 38.2625, 54.4608,
35.1819

■ 82.4882, 75.8320,
101.7668

■ 34.0316, 52.4253,
28.4033

■ 83.0854, 76.0709,
104.9118

■ 30.6410, 50.7995,
22.7281

■ 28.0336, 49.5551,
18.0976

■ 26.1450, 48.6604,
14.4480

■ 24.9002, 48.0780,
11.7082

■ 24.1905, 47.7537,
9.7967

Harmonies

Analogous

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



58.0610, 63.2678, 58.5642



56.4930, 63.2678, 62.6605



55.8968, 63.2678, 68.6468

Triad

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



56.4930, 63.2678, 62.6605



60.0499, 63.2678, 82.0828



64.0163, 63.2678, 63.0538

Complementary

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



56.4930, 63.2678, 62.6605



58.5909, 57.8311, 69.0503

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.



64.5804, 63.2678, 69.1295



56.4930, 63.2678, 62.6605



62.2561, 63.2678, 80.3587

Square

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



56.4930, 63.2678, 62.6605



57.9185, 63.2678, 80.0915



63.9285, 63.2678, 75.5148



62.4056, 63.2678, 58.7810

Rectangle

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



56.4930, 63.2678, 62.6605



56.1190, 63.2678, 72.9920



63.9285, 63.2678, 75.5148



64.3364, 63.2678, 64.9405

Sweetspot

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



56.4948, 63.2705, 62.6619



91.2817, 98.1740, 103.4544



60.3110, 65.2774, 61.0518



19.3277, 20.9114, 21.8386



0.0000, 0.0000, 0.0000



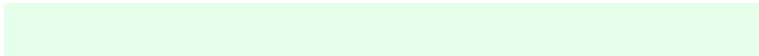
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.4948, 63.2705, 62.6619



83.0482, 94.1865, 91.4559



57.5278, 63.6837, 68.1018



12.3460, 13.9294, 13.6365



14.7499, 29.1553, 5.9785



0.9162, 1.7691, 0.5006

Inverse Universe

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



58.5909, 57.8311, 69.0503



86.7712, 84.5250, 102.8025



57.5357, 57.4091, 63.4938



12.8600, 12.5955, 15.2031



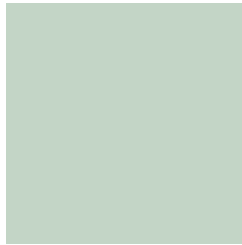
21.6730, 10.6055, 26.6457



1.3314, 0.6493, 1.7344

Previews

White Background



This preview shows how the XYZ color 56.4930, 63.2678, 62.6605 looks on a white background.

Color Contrast Check

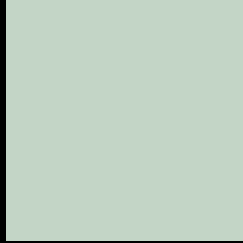
Large Text (above 18pt) WCAG AA × Fail

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 56.4930, 63.2678, 62.6605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

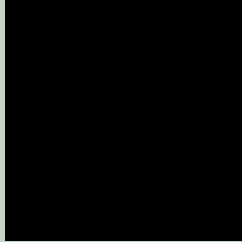
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

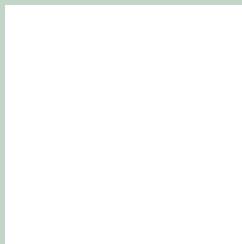
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.4930, 63.2678, 62.6605

Background



This preview shows how black text looks on a background with the XYZ color 56.4930, 63.2678, 62.6605.



This preview shows how white text looks on a background with the XYZ color 56.4930, 63.2678, 62.6605.

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

56.4930, 63.2678, 62.6605

Protanopia

60.1875, 63.0129, 60.6202

Deuteranopia

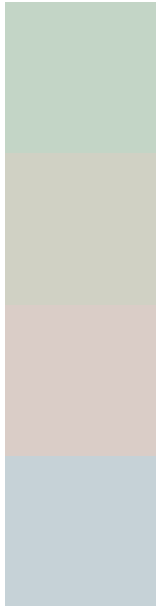
64.2670, 62.9323, 63.4035



Tritanopia

59.9443, 63.1793, 80.2696

Trichromacy



Original Color

56.4930, 63.2678, 62.6605

Protanomaly

58.7767, 62.9963, 61.2862

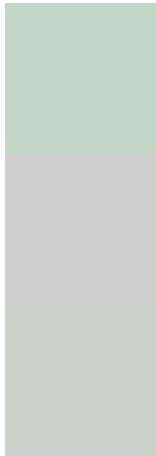
Deuteranomaly

61.0536, 62.6916, 62.9156

Tritanomaly

58.6010, 63.0053, 73.3626

Monochromacy



Original Color

56.4930, 63.2678, 62.6605

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.9371, 62.4693, 65.5041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4930, 63.2678, 62.6605 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(195, 213, 198) looks like.

```
.text, #text, p{  
    color:rgb(195, 213, 198)  
}
```

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(195, 213, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 213, 198) }
```

Border

The CSS property to change the border of an element to XYZ 56.4930, 63.2678, 62.6605 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(195, 213, 198) }
```


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

```
.border{ border-color:rgb(195, 213, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 213, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 213, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 213, 198);  
box-shadow:4px 4px 4px 4px rgb(195, 213,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4930, 63.2678, 62.6605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 213, 198) }
```

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

```
.background{ background-color: rgb(195,  
213, 198) }
```

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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