

Converting Colors

XYZ(56.2780, 60.5121, 64.6601)

Have a look what the booklet for
XYZ(56.2780, 60.5121, 64.6601)
contains.

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Color

**XYZ(56.2852, 60.5490,
64.5977)**

Conversions

Conversions Part 1

Format	Color
Hex	C7CECA
RGB	199, 206, 202
RGB Percent	78%, 81%, 79%
CMY	0.2196, 0.1921, 0.2078
CMYK	0.03, 0.00, 0.02, 0.19
HSL	146°, 7%, 79%
HSV	146°, 3%, 81%
XYZ	56.2852, 60.5490, 64.5977
YIQ	203.4510, -2.8880, -2.7280

Conversions

Conversions Part 2

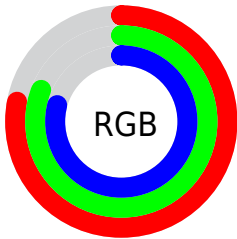
Format	Color
RYB	199, 204, 206
Decimal	13094602
CIELab	82.14, -3.12, 1.15
CIELCh	82, 3.325, 159.852
Yxy	60.5490, 0.3102, 0.3337
Android (android.graphics.Color)	4291284682 (0xFFC7CECA)
YUV	203.4510, -0.7153, -3.9035
Hunter-Lab	77.8132, -7.0575, 5.2489

Details

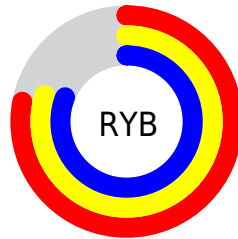
The XYZ color **56.2852, 60.5490, 64.5977** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.6588, 58.2821, 64.7663**, and the grayscale version is **57.0554, 60.0267, 65.3691**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.2506, 30.6143, 32.4372** is the 20% darker color. If you saturate the color by 10%, you get **49.8437, 57.3850, 57.2939**, and if you desaturate by 10%, it is **63.5765, 64.1422, 72.4993**.

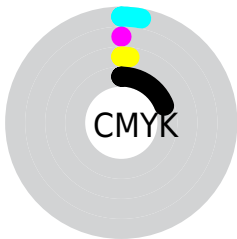
Distribution



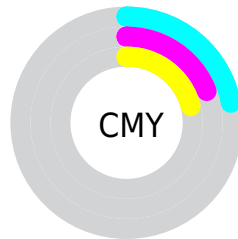
- Red (78%)
- Green (81%)
- Blue (79%)



- Red (78%)
- Yellow (80%)
- Blue (81%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (19%)



- Cyan (22%)
- Magenta (19%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2852, 60.5490, 64.5977 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 56.2852, 60.5490, 64.5977 by changing the saturation by 10% instead.

■ 56.2852, 60.5490,
64.5977

■ 56.2852, 60.5490,
64.5977

400.8230,
426.6184, 459.6114

■ 40.6695, 43.8613,
46.6857

98.5588, 105.6257,
113.0790

■ 28.2475, 30.5615,
32.4347

125.9475,
134.7834, 144.4854

■ 18.6537, 20.2652,
21.4262

157.9912,
168.8666, 181.2269

■ 11.5228, 12.5879,
13.2416

195.0554,
208.2597, 223.7222

■ 6.4895, 7.1454,
7.4624

237.5053,
253.3470, 272.3898

■ 3.1884, 3.5532,
3.6702

285.7063,

■ 1.2542, 1.4269,

304.5129, 327.6481

1.4462

340.0237,
362.1420, 389.9158

■ 0.1485, 0.2364,
0.1774

■ 0.0000, 0.0000,
0.0000

■ 56.2852, 60.5490,
64.5977

■ 56.2852, 60.5490,
64.5977

■ 49.8437, 57.3850,
57.2939

■ 63.5765, 64.1422,
72.4993

■ 44.2149, 54.6263,
50.5700

■ 71.7427, 68.1722,
81.0080

■ 39.3667, 52.2582,
44.4131

■ 78.6467, 71.5386,
90.0366

■ 35.2627, 50.2623,
38.8083

■ 80.4278, 72.2511,
99.4157

■ 31.8634, 48.6185,
33.7398

■ 81.3625, 72.6249,
104.3375

■ 29.1256, 47.3050,
29.1914

■ 27.0011, 46.2971,
25.1458

■ 25.4345, 45.5667,
21.5845

■ 24.3595, 45.0799,
18.4880

Harmonies

Analogous

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



56.6847, 60.5490, 62.9882



56.2852, 60.5490, 64.5977



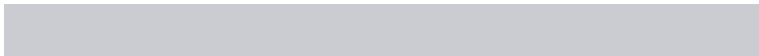
56.2231, 60.5490, 66.5949

Triad

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



56.2852, 60.5490, 64.5977



57.7825, 60.5490, 69.8319



58.5983, 60.5490, 63.4680

Complementary

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



56.2852, 60.5490, 64.5977



56.6588, 58.2821, 64.7663

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.



58.8976, 60.5490, 65.2647



56.2852, 60.5490, 64.5977



58.4241, 60.5490, 68.9569

Square

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



56.2852, 60.5490, 64.5977



57.0838, 60.5490, 69.6445



58.8336, 60.5490, 67.2756



58.0188, 60.5490, 62.3453

Rectangle

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



56.2852, 60.5490, 64.5977



56.3809, 60.5490, 67.8814



58.8336, 60.5490, 67.2756



58.7352, 60.5490, 64.0116

Sweetspot

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



56.2869, 60.5516, 64.5990



93.8842, 99.4260, 107.6250



57.0337, 60.9772, 62.7976



20.1074, 21.2873, 23.0497



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.



56.2869, 60.5516, 64.5990



90.4718, 97.7466, 103.8597



56.6964, 60.7154, 66.7556



11.9267, 12.9411, 13.6949



14.7282, 27.6366, 10.5196



0.7976, 1.4408, 0.7415

Inverse Universe

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



56.6588, 58.2821, 64.7663



91.1863, 93.3856, 104.1811



56.2556, 58.1208, 62.6432



12.0363, 12.2722, 13.7442



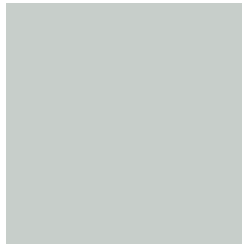
17.7277, 8.9017, 11.5506



0.9521, 0.4742, 0.7936

Previews

White Background



This preview shows how the XYZ color 56.2852, 60.5490, 64.5977 looks on a white background.

Color Contrast Check

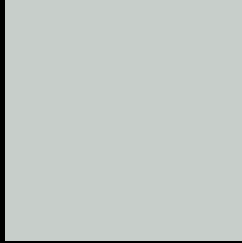
Large Text (above 18pt) WCAG AA × Fail

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 56.2852, 60.5490, 64.5977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

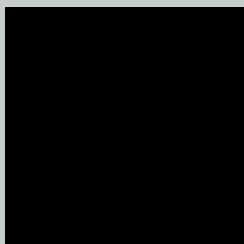
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

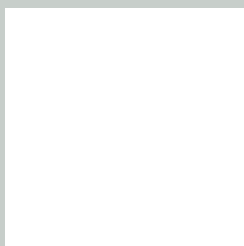
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2852, 60.5490, 64.5977

Background



This preview shows how black text looks on a background with the XYZ color 56.2852, 60.5490, 64.5977.



This preview shows how white text looks on a background with the XYZ color 56.2852, 60.5490,

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

56.2852, 60.5490, 64.5977

Protanopia

58.0758, 60.4373, 63.2482

Deuteranopia

61.8336, 60.5951, 65.5638



Tritanopia

58.4992, 60.3829, 75.5897

Trichromacy



Original Color

56.2852, 60.5490, 64.5977

Protanomaly

57.3123, 60.3819, 63.8925

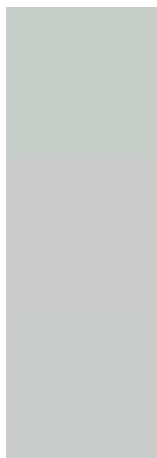
Deuteranomaly

59.6905, 60.5322, 65.0378

Tritanomaly

57.6905, 60.4073, 71.5700

Monochromacy



Original Color

56.2852, 60.5490, 64.5977

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.7295, 60.0541, 65.1015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2852, 60.5490, 64.5977 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(199, 206, 202) looks like.

```
.text, #text, p{  
    color:rgb(199, 206, 202)  
}
```

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(199, 206, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 206, 202) }
```

Border

The CSS property to change the border of an element to XYZ 56.2852, 60.5490, 64.5977 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(199, 206, 202) }
```


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

```
.border{ border-color:rgb(199, 206, 202) }
```

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

Here you see how a box with a 4 pixel rgb(199, 206, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 206, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 206, 202);  
box-shadow:4px 4px 4px 4px rgb(199, 206,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2852, 60.5490, 64.5977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 206, 202) }
```

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

```
.background{ background-color: rgb(199,  
206, 202) }
```

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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