

Converting Colors

XYZ(52.7163, 56.6813, 59.8084)

Have a look what the booklet for
XYZ(52.7163, 56.6813, 59.8084)
contains.

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Color

**XYZ(52.7527, 56.7180,
59.7971)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C2C8C3 |
| RGB | 194, 200, 195 |
| RGB Percent | 76%, 78%, 76% |
| CMY | 0.2392, 0.2157, 0.2353 |
| CMYK | 0.03, 0.00, 0.03, 0.22 |
| HSL | 130°, 5%, 77% |
| HSV | 130°, 3%, 78% |
| XYZ | 52.7527, 56.7180, 59.7971 |
| YIQ | 197.6360, -1.9710, -2.8270 |

Conversions

Conversions Part 2

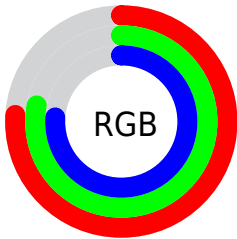
| Format | Color |
|-------------------------------------|--|
| RYB | 194, 199, 200 |
| Decimal | 12765379 |
| CIELab | 80.02, -2.98, 1.77 |
| CIELCh | 80, 3.466, 149.298 |
| Yxy | 56.7180, 0.3117, 0.3351 |
| Android (android.graphics.Color) | 4290955459 (0xFFC2C8C3) |
| YUV | 197.6360, -1.2995, -3.1888 |
| Hunter-Lab | 75.3114, -6.7625, 5.6418 |

Details

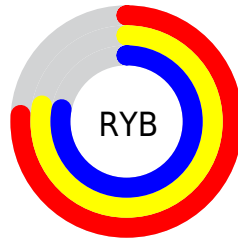
The XYZ color **52.7527, 56.7180, 59.7971** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4220, 54.9878, 61.8336**, and the grayscale version is **53.4654, 56.2498, 61.2560**.

A 20% lighter version of the original color is **92.7550, 98.8723, 106.2910**, and **25.9018, 28.0563, 29.2495** is the 20% darker color. If you saturate the color by 10%, you get **46.1805, 53.5373, 50.1951**, and if you desaturate by 10%, it is **60.2294, 60.3439, 70.5420**.

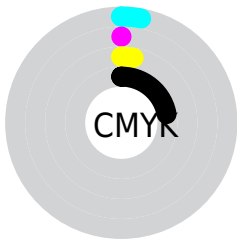
Distribution



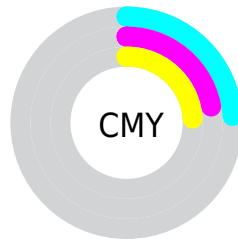
- Red (76%)
- Green (78%)
- Blue (76%)



- Red (76%)
- Yellow (78%)
- Blue (78%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.7527, 56.7180, 59.7971 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 52.7527, 56.7180, 59.7971 by changing the saturation by 10% instead.

■ 52.7527, 56.7180,
59.7971

■ 52.7527, 56.7180,
59.7971

387.6120,
412.3918, 441.6333

■ 37.8321, 40.7789,
42.8309

■ 93.4080, 100.0536,
106.0758

■ 26.0290, 28.1463,
29.4220

119.8735,
128.2189, 136.2253

■ 16.9781, 18.4360,
19.1520

150.9179,
161.2283, 171.6064

■ 10.3141, 11.2635,
11.6022

186.9066,
199.4663, 212.6375

■ 5.6716, 6.2443,
6.3542

228.2050,
243.3172, 259.7372

■ 2.6852, 2.9942,
2.9894

275.1785,

■ 0.9896, 1.1287,

293.1655, 313.3240

1.0892

328.1924,
349.3956, 373.8166

■ 0.0000, 0.0023,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.7527, 56.7180,
59.7971

■ 52.7527, 56.7180,
59.7971

■ 46.1805, 53.5373,
50.1951

■ 60.2294, 60.3439,
70.5420

■ 40.4737, 50.7776,
41.6947

■ 68.6382, 64.4237,
82.4618

■ 35.5975, 48.4233,
34.2577

■ 78.0116, 68.9749,
95.5921

■ 31.5128, 46.4553,
27.8421

■ 79.9454, 69.7907,
103.8651

■ 28.1772, 44.8527,
22.4032

■ 25.5446, 43.5926,
17.8930

■ 23.5635, 42.6497,
14.2596

■ 22.1751, 41.9949,
11.4456

■ 21.3099, 41.5935,
9.3869

Harmonies

Analogous

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



53.2488, 56.7180, 58.4353



52.7527, 56.7180, 59.7971



52.5659, 56.7180, 61.7087

Triad

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



52.7527, 56.7180, 59.7971



53.8922, 56.7180, 65.7162



55.0984, 56.7180, 59.8777

Complementary

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



52.7527, 56.7180, 59.7971



53.4220, 54.9878, 61.8336

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.



55.2743, 56.7180, 61.8038



52.7527, 56.7180, 59.7971



54.5742, 56.7180, 65.2007

Square

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



52.7527, 56.7180, 59.7971



53.2203, 56.7180, 65.1515



55.0816, 56.7180, 63.7578



54.6032, 56.7180, 58.4811

Rectangle

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



52.7527, 56.7180, 59.7971



52.6407, 56.7180, 63.0469



55.0816, 56.7180, 63.7578



55.1970, 56.7180, 60.4834

Sweetspot

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



52.7543, 56.7204, 59.7983



93.7777, 99.3834, 107.0644



53.9740, 57.3622, 59.2669



20.0857, 21.2786, 22.9355



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.



52.7543, 56.7204, 59.7983



90.0578, 97.5811, 101.6798



53.0857, 56.8530, 61.5435



11.2493, 12.2460, 12.6704



13.3328, 26.3455, 5.4312



0.6544, 1.2567, 0.3789

Inverse Universe

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



53.4220, 54.9878, 61.8336



91.6095, 93.5549, 106.4092



53.0882, 54.8543, 60.0756



11.4743, 11.6623, 13.3560



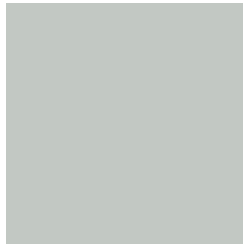
19.5896, 9.5854, 24.1126



0.9483, 0.4622, 1.2509

Previews

White Background



This preview shows how the XYZ color 52.7527, 56.7180, 59.7971 looks on a white background.

Color Contrast Check

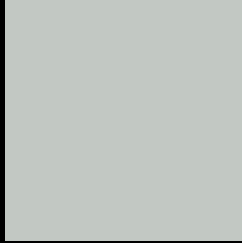
Large Text (above 18pt) WCAG AA × Fail

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 52.7527, 56.7180, 59.7971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

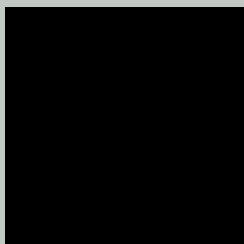
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

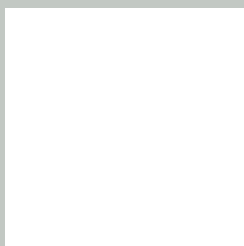
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.7527, 56.7180, 59.7971

Background



This preview shows how black text looks on a background with the XYZ color 52.7527, 56.7180, 59.7971.



This preview shows how white text looks on a background with the XYZ color 52.7527, 56.7180,

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

52.7527, 56.7180, 59.7971

Protanopia

54.3325, 56.5241, 59.0855

Deuteranopia

57.8411, 56.6359, 60.7066



Tritanopia

55.0025, 56.6069, 70.9781

Trichromacy



Original Color

52.7527, 56.7180, 59.7971

Protanomaly

53.7511, 56.5626, 59.1236

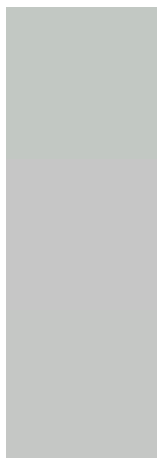
Deuteranomaly

55.7734, 56.5710, 60.2043

Tritanomaly

54.0996, 56.5802, 66.4622

Monochromacy



Original Color

52.7527, 56.7180, 59.7971

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.5274, 56.7484, 60.9557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7527, 56.7180, 59.7971 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(194, 200, 195) looks like.

```
.text, #text, p{  
    color:rgb(194, 200, 195)  
}
```

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(194, 200, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 200, 195) }
```

Border

The CSS property to change the border of an element to XYZ 52.7527, 56.7180, 59.7971 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(194, 200, 195) }
```


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

```
.border{ border-color:rgb(194, 200, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 200, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 200, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 200, 195);  
box-shadow:4px 4px 4px 4px rgb(194, 200,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7527, 56.7180, 59.7971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 200, 195) }
```

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

```
.background{ background-color: rgb(194,  
200, 195) }
```

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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