

Converting Colors

XYZ(52.8845, 56.4532, 59.3910)

Have a look what the booklet for
XYZ(52.8845, 56.4532, 59.3910)
contains.

XYZ(52.9260, 56.4777, 59.1507)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.9260, 56.4777,
59.1507)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C7C2
RGB	196, 199, 194
RGB Percent	77%, 78%, 76%
CMY	0.2314, 0.2196, 0.2392
CMYK	0.02, 0.00, 0.03, 0.22
HSL	96°, 4%, 77%
HSV	96°, 3%, 78%
XYZ	52.9260, 56.4777, 59.1507
YIQ	197.5330, -0.1830, -2.1910

Conversions

Conversions Part 2

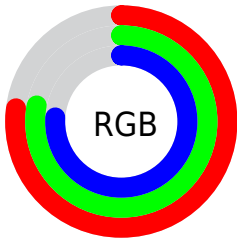
Format	Color
RYB	194, 199, 197
Decimal	12896194
CIELab	79.88, -1.95, 2.13
CIELCh	80, 2.883, 132.434
Yxy	56.4777, 0.3140, 0.3351
Android (android.graphics.Color)	4291086274 (0xFFC4C7C2)
YUV	197.5330, -1.7418, -1.3444
Hunter-Lab	75.1516, -5.8057, 5.9399

Details

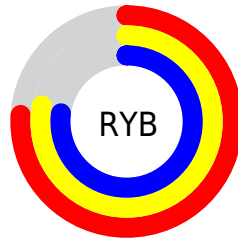
The XYZ color **52.9260, 56.4777, 59.1507** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.6287, 54.5789, 61.7968**, and the grayscale version is **53.4049, 56.1861, 61.1867**.

A 20% lighter version of the original color is **93.5233, 99.3048, 104.6810**, and **26.0144, 27.8950, 28.8241** is the 20% darker color. If you saturate the color by 10%, you get **47.8547, 54.1062, 48.0173**, and if you desaturate by 10%, it is **58.5473, 59.1014, 71.8746**.

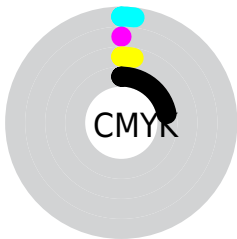
Distribution



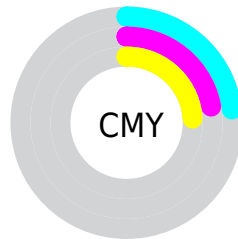
- Red (77%)
- Green (78%)
- Blue (76%)



- Red (76%)
- Yellow (78%)
- Blue (77%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)



- Cyan (23%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9260, 56.4777, 59.1507 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 52.9260, 56.4777, 59.1507 by changing the saturation by 10% instead.

■ 52.9260, 56.4777,
59.1507

■ 52.9260, 56.4777,
59.1507

388.2667,
411.4893, 439.1776

■ 37.9709, 40.5861,
42.3136

■ 93.6616, 99.7027,
105.1279

■ 26.1372, 27.9958,
29.0195

120.1729,
127.8048, 135.1052

■ 17.0596, 18.3225,
18.8499

151.2670,
160.7459, 170.2996

■ 10.3725, 11.1818,
11.3862

187.3092,
198.9103, 211.1296

■ 5.7108, 6.1892,
6.2098

228.6649,
242.6824, 258.0139

■ 2.7090, 2.9605,
2.9022

275.6995,

■ 1.0018, 1.1111,

292.4467, 311.3710

1.0449

328.7783,
348.5875, 371.6194

■ 0.0000, 0.0000,
0.0000

■ 52.9260, 56.4777,
59.1507

■ 52.9260, 56.4777,
59.1507

■ 47.8547, 54.1062,
48.0173

■ 58.5473, 59.1014,
71.8746

■ 43.3111, 51.9718,
38.4083

■ 64.7306, 61.9774,
86.2443

■ 39.2782, 50.0690,
30.2582

■ 71.4933, 65.1149,
102.3170

■ 35.7364, 48.3892,
23.4956

■ 75.7088, 67.2641,
103.6007

■ 32.6646, 46.9231,
18.0429

■ 79.7145, 69.3291,
103.7882

■ 30.0398, 45.6608,
13.8149

■ 27.8370, 44.5915,
10.7165

■ 26.0282, 43.7032,
8.6381

■ 24.5805, 42.9817,
7.4489

Harmonies

Analogous

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



53.4389, 56.4777, 58.4063



52.9260, 56.4777, 59.1507



52.6166, 56.4777, 60.5288

Triad

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



52.9260, 56.4777, 59.1507



53.3421, 56.4777, 64.6129



54.7848, 56.4777, 60.8046

Complementary

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



52.9260, 56.4777, 59.1507



52.6287, 54.5789, 61.7968

Split Complementary

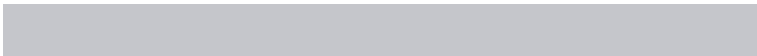
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



54.7584, 56.4777, 62.4707



52.9260, 56.4777, 59.1507



53.9226, 56.4777, 64.6900

Square

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



52.9260, 56.4777, 59.1507



52.8556, 56.4777, 63.6909



54.4419, 56.4777, 63.8996



54.5137, 56.4777, 59.3494

Rectangle

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



52.9260, 56.4777, 59.1507



52.5659, 56.4777, 61.6313



54.4419, 56.4777, 63.8996



54.8105, 56.4777, 61.3581

Sweetspot

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



52.9276, 56.4801, 59.1519



94.0812, 99.5477, 106.7258



53.2593, 55.9720, 59.0364



20.1475, 21.3121, 22.8666



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.



52.9276, 56.4801, 59.1519



92.1732, 98.6564, 102.4637



52.4671, 56.2362, 59.4242



11.5281, 12.3888, 12.7230



15.3280, 27.3972, 4.4803



0.8071, 1.3392, 0.2160

Inverse Universe

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



52.6287, 54.5789, 61.7968



91.5419, 94.6405, 108.0504



53.0979, 54.8275, 61.5159



11.4305, 11.7681, 13.5865



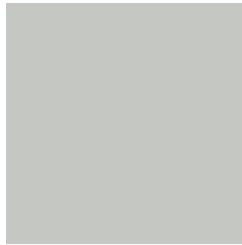
11.6625, 5.2465, 35.1424



0.6323, 0.2897, 1.6677

Previews

White Background



This preview shows how the XYZ color 52.9260, 56.4777, 59.1507 looks on a white background.

Color Contrast Check

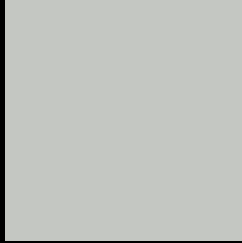
Large Text (above 18pt) WCAG AA × Fail

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 52.9260, 56.4777, 59.1507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

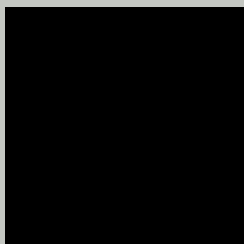
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

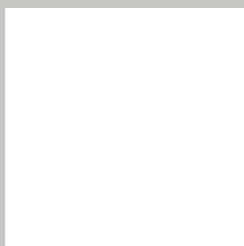
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.9260, 56.4777, 59.1507

Background



This preview shows how black text looks on a background with the XYZ color 52.9260, 56.4777, 59.1507.



This preview shows how white text looks on a background with the XYZ color 52.9260, 56.4777,

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

52.9260, 56.4777, 59.1507

Protanopia

54.2205, 56.4793, 58.4959

Deuteranopia

57.6134, 56.5448, 59.5074



Tritanopia

55.1768, 56.3754, 70.2608

Trichromacy



Original Color

52.9260, 56.4777, 59.1507

Protanomaly

53.6391, 56.5178, 58.5340

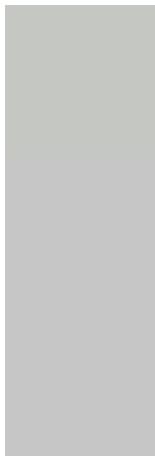
Deuteranomaly

55.9438, 56.6720, 59.6200

Tritanomaly

54.2744, 56.3460, 65.7729

Monochromacy



Original Color

52.9260, 56.4777, 59.1507

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.2981, 56.2897, 60.8792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9260, 56.4777, 59.1507 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(196, 199, 194)` looks like.

```
.text, #text, p{  
    color:rgb(196, 199, 194)  
}
```

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(196, 199, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 199, 194) }
```

Border

The CSS property to change the border of an element to XYZ 52.9260, 56.4777, 59.1507 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(196, 199, 194) }
```


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

```
.border{ border-color:rgb(196, 199, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 199, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 199, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 199, 194);  
box-shadow:4px 4px 4px 4px rgb(196, 199,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9260, 56.4777, 59.1507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 199, 194) }
```

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

```
.background{ background-color: rgb(196,  
199, 194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor