

Converting Colors

XYZ(55.2881, 59.2580, 59.4178)

Have a look what the booklet for
XYZ(55.2881, 59.2580, 59.4178)
contains.

XYZ(55.4179, 59.4983, 59.6024)	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(55.4179, 59.4983,
59.6024)**

Conversions

Conversions Part 1

Format	Color
Hex	C9CCC2
RGB	201, 204, 194
RGB Percent	79%, 80%, 76%
CMY	0.2118, 0.2000, 0.2392
CMYK	0.01, 0.00, 0.05, 0.20
HSL	78°, 9%, 78%
HSV	78°, 5%, 80%
XYZ	55.4179, 59.4983, 59.6024
YIQ	201.9630, 1.4220, -3.7460

Conversions

Conversions Part 2

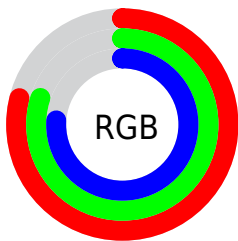
Format	Color
RYB	194, 204, 197
Decimal	13225154
CIELab	81.56, -2.83, 4.61
CIELCh	82, 5.408, 121.535
Yxy	59.4983, 0.3175, 0.3409
Android (android.graphics.Color)	4291415234 (0xFFC9CCC2)
YUV	201.9630, -3.9258, -0.8446
Hunter-Lab	77.1351, -6.7428, 8.1812

Details

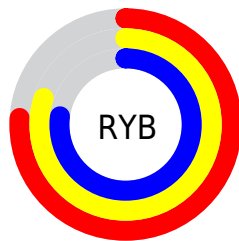
The XYZ color **55.4179, 59.4983, 59.6024** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.2191, 54.8151, 64.9053**, and the grayscale version is **56.1405, 59.0642, 64.3209**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **27.6726, 29.9092, 29.1255** is the 20% darker color. If you saturate the color by 10%, you get **51.6688, 57.8141, 48.2767**, and if you desaturate by 10%, it is **59.5506, 61.3473, 72.5904**.

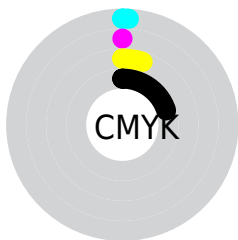
Distribution



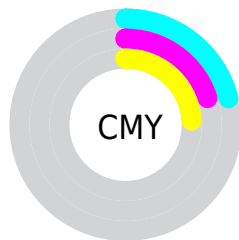
- Red (79%)
- Green (80%)
- Blue (76%)



- Red (76%)
- Yellow (80%)
- Blue (77%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (20%)



- Cyan (21%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4179, 59.4983, 59.6024 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 55.4179, 59.4983, 59.6024 by changing the saturation by 10% instead.

■ 55.4179, 59.4983,
59.6024

■ 55.4179, 59.4983,
59.6024

397.6048,
422.7460, 440.8946

■ 39.9716, 43.0144,
42.6750

■ 97.2977, 104.1015,
105.7904

■ 27.7005, 29.8964,
29.3007

124.4619,
132.9897, 135.8881

■ 18.2393, 19.7600,
19.0609

156.2628,
166.7813, 171.2130

■ 11.2227, 12.2207,
11.5370

193.0657,
205.8608, 212.1837

■ 6.2852, 6.8942,
6.3106

235.2360,
250.6127, 259.2186

■ 3.0616, 3.3960,
2.9630

283.1391,

■ 1.1864, 1.3418,

301.4212, 312.7364

1.0758

337.1402,
358.6709, 373.1555

■ 0.0956, 0.1732,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4179, 59.4983,
59.6024

■ 55.4179, 59.4983,
59.6024

■ 51.6688, 57.8141,
48.2767

■ 59.5506, 61.3473,
72.5904

■ 48.2848, 56.2816,
38.5424

■ 64.0747, 63.3587,
87.3001

■ 45.2533, 54.8974,
30.3291

■ 68.9712, 65.5268,
103.6205

■ 42.5587, 53.6553,
23.5595

■ 70.8524, 66.4966,
103.7085

■ 40.1844, 52.5486,
18.1499

■ 72.8022, 67.5017,
103.7998

■ 38.1120, 51.5698,
14.0077

■ 74.8213, 68.5426,
103.8943

■ 36.3208, 50.7105,
11.0287

■ 76.9103, 69.6195,
103.9920

■ 34.7873, 49.9612,
9.0924

■ 79.0699, 70.7329,
104.0931

■ 33.4825, 49.3102,
8.0517

■ 80.8840, 71.6681,
104.1780

Harmonies

Analogous

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



56.4929, 59.4983, 58.7359



55.4179, 59.4983, 59.6024



54.6549, 59.4983, 61.8507

Triad

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



55.4179, 59.4983, 59.6024



55.5178, 59.4983, 70.4333



58.7605, 59.4983, 64.6163

Complementary

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



55.4179, 59.4983, 59.6024



53.2191, 54.8151, 64.9053

Split Complementary

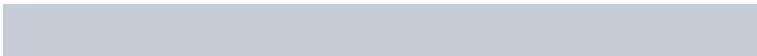
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



58.4911, 59.4983, 67.8076



55.4179, 59.4983, 59.6024



56.6098, 59.4983, 71.2327

Square

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



55.4179, 59.4983, 59.6024



54.7121, 59.4983, 68.1068



57.7001, 59.4983, 70.2565



58.4314, 59.4983, 61.5701

Rectangle

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



55.4179, 59.4983, 59.6024



54.4207, 59.4983, 63.8680



57.7001, 59.4983, 70.2565



58.7369, 59.4983, 65.7077

Sweetspot

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



55.4196, 59.5009, 59.6037



94.3610, 99.6919, 106.7389



54.6078, 56.6668, 59.0994



20.2044, 21.3414, 22.8693



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.



55.4196, 59.5009, 59.6037



91.0137, 98.1925, 96.3607



54.0973, 58.8192, 59.5418



12.0502, 13.0276, 12.6726



20.7909, 30.8934, 4.8672



1.1469, 1.6321, 0.2546

Inverse Universe

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



53.2191, 54.8151, 64.9053



86.5321, 88.6494, 107.1581



54.5501, 55.5012, 64.9676



11.4081, 11.6601, 14.2197



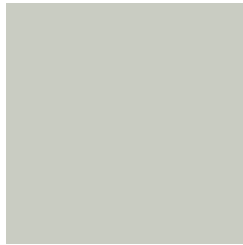
8.1640, 3.4162, 36.1854



0.4984, 0.2161, 1.8704

Previews

White Background



This preview shows how the XYZ color 55.4179, 59.4983, 59.6024 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 55.4179, 59.4983, 59.6024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

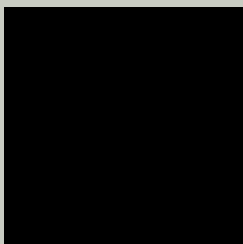
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

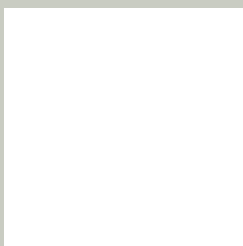
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.4179, 59.4983, 59.6024

Background



This preview shows how black text looks on a background with the XYZ color 55.4179, 59.4983, 59.6024.



This preview shows how white text looks on a background with the XYZ color 55.4179, 59.4983,

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

55.4179, 59.4983, 59.6024

Protanopia

56.7586, 59.5012, 58.9455

Deuteranopia

60.7551, 59.4729, 60.5018



Tritanopia

58.1832, 59.5685, 73.3970

Trichromacy



Original Color

55.4179, 59.4983, 59.6024

Protanomaly

56.1584, 59.5413, 58.9848

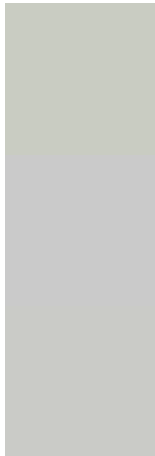
Deuteranomaly

58.5927, 59.3859, 60.0042

Tritanomaly

57.1343, 59.4916, 68.1462

Monochromacy



Original Color

55.4179, 59.4983, 59.6024

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.0219, 59.3919, 62.5440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4179, 59.4983, 59.6024 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(201, 204, 194) looks like.

```
.text, #text, p{  
    color:rgb(201, 204, 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(201, 204, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 204, 194) }
```

Border

The CSS property to change the border of an element to XYZ 55.4179, 59.4983, 59.6024 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(201, 204, 194) }
```


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

```
.border{ border-color:rgb(201, 204, 194) }
```

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

Here you see how a box with a 4 pixel rgb(201, 204, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 204, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 204, 194);  
box-shadow:4px 4px 4px 4px rgb(201, 204,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4179, 59.4983, 59.6024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 204, 194) }
```

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

```
.background{ background-color: rgb(201,  
204, 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