

Converting Colors

XYZ(54.7676, 57.8958, 69.2612)

Have a look what the booklet for
XYZ(54.7676, 57.8958, 69.2612)
contains.

XYZ(54.7676, 57.8958, 69.2612)	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(54.7676, 57.8958,
69.2612)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C9D2
RGB	194, 201, 210
RGB Percent	76%, 79%, 82%
CMY	0.2392, 0.2117, 0.1765
CMYK	0.08, 0.04, 0.00, 0.18
HSL	214°, 15%, 79%
HSV	214°, 8%, 82%
XYZ	54.7676, 57.8958, 69.2612
YIQ	199.9330, -7.0610, 1.3150

Conversions

Conversions Part 2

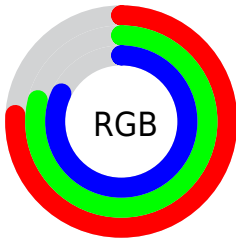
Format	Color
RYB	194, 199, 210
Decimal	12765650
CIELab	80.68, -0.66, -5.31
CIElCh	81, 5.354, 262.931
Yxy	57.8958, 0.3010, 0.3182
Android (android.graphics.Color)	4290955730 (0xFFC2C9D2)
YUV	199.9330, 4.9630, -5.2032
Hunter-Lab	76.0893, -4.6754, -0.7069

Details

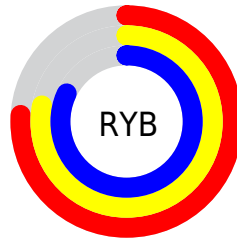
The XYZ color **54.7676, 57.8958, 69.2612** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6720, 60.3079, 59.6407**, and the grayscale version is **54.8334, 57.6890, 62.8233**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **27.2497, 28.8432, 35.5836** is the 20% darker color. If you saturate the color by 10%, you get **47.1068, 50.0174, 68.1452**, and if you desaturate by 10%, it is **63.4050, 66.5949, 70.4860**.

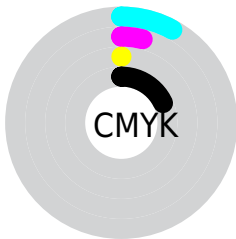
Distribution



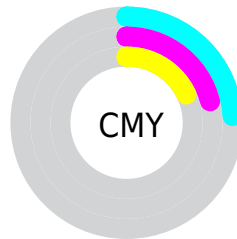
- Red (76%)
- Green (79%)
- Blue (82%)



- Red (76%)
- Yellow (78%)
- Blue (82%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



- Cyan (24%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7676, 57.8958, 69.2612 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 54.7676, 57.8958, 69.2612 by changing the saturation by 10% instead.

■ 54.7676, 57.8958,
69.2612

■ 54.7676, 57.8958,
69.2612

395.1811,
416.7976, 476.6705

■ 39.4488, 41.7249,
50.4514

■ 96.3507, 101.7711,
119.8258

■ 27.2913, 28.8859,
35.3985

123.3457,
130.2443, 152.4176

■ 17.9299, 18.9945,
23.6840

154.9634,
163.5870, 190.4406

■ 10.9990, 11.6663,
14.8893

191.5693,
202.1837, 234.3131

■ 6.1335, 6.5169,
8.5960

233.5286,
246.4186, 284.4539

■ 2.9678, 3.1619,
4.3854

281.2068,

■ 1.1368, 1.2168,

296.6764, 341.2813

1.8391

334.9692,
353.3412, 405.2140

■ 0.0556, 0.0754,
0.4536

■ 0.0000, 0.0000,
0.0000

■ 54.7676, 57.8958,
69.2612

■ 54.7676, 57.8958,
69.2612

■ 47.1068, 50.0174,
68.1452

■ 63.4050, 66.5949,
70.4860

■ 40.3811, 42.9267,
67.1310

■ 73.0485, 76.1321,
71.8185

■ 34.5533, 36.5987,
66.2168

■ 82.9922, 86.1515,
73.2284

■ 29.5816, 31.0044,
65.3990

■ 86.5134, 93.1940,
74.4021

■ 25.4206, 26.1124,
64.6740

■ 88.6330, 97.4332,
75.1087

■ 22.0204, 21.8890,
64.0380

■ 19.3248, 18.2965,
63.4867

■ 17.2689, 15.2925,
63.0152

■ 15.7637, 12.8216,
62.6176

Harmonies

Analogous

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



53.7596, 57.8958, 68.0108



54.7676, 57.8958, 69.2612



55.8588, 57.8958, 68.8003

Triad

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



54.7676, 57.8958, 69.2612



57.0049, 57.8958, 60.7014



53.3531, 57.8958, 59.4475

Complementary

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



54.7676, 57.8958, 69.2612



57.6720, 60.3079, 59.6407

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.



54.2060, 57.8958, 57.6081



54.7676, 57.8958, 69.2612



56.3167, 57.8958, 58.3150

Square

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



54.7676, 57.8958, 69.2612



57.1601, 57.8958, 63.7892



55.2897, 57.8958, 57.2005



52.9500, 57.8958, 62.2941

Rectangle

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



54.7676, 57.8958, 69.2612



56.4856, 57.8958, 67.5917



55.2897, 57.8958, 57.2005



53.5962, 57.8958, 58.6949

Sweetspot

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



54.7693, 57.8982, 69.2625



92.2905, 97.2295, 108.5107



56.0513, 61.8657, 65.3629



19.7829, 20.8402, 23.2298



0.0000, 0.0000, 0.0000



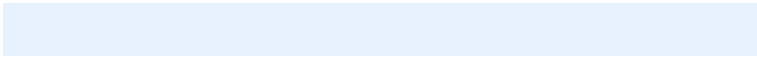
20.3446, 21.4041, 23.3091

Same Dimension

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



54.7693, 57.8982, 69.2625



83.1255, 87.9453, 107.2017



53.3795, 54.8131, 68.7402



11.5833, 12.2569, 14.9990



9.5225, 7.6915, 38.1752



0.6108, 0.5867, 2.1606

Inverse Universe

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



56.4140, 56.5033, 63.1942



86.1521, 85.4179, 96.0262



59.1362, 63.5737, 60.1939



12.0206, 11.8930, 13.3842



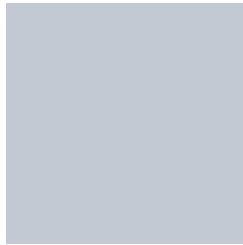
17.4372, 8.8477, 7.2086



1.0145, 0.5105, 0.6113

Previews

White Background



This preview shows how the XYZ color 54.7676, 57.8958, 69.2612 looks on a white background.

Color Contrast Check

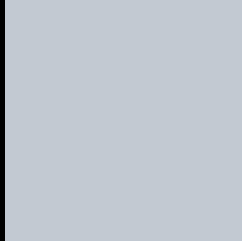
Large Text (above 18pt) WCAG AA × Fail

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 54.7676, 57.8958, 69.2612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

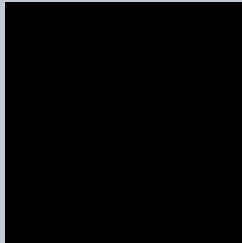
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

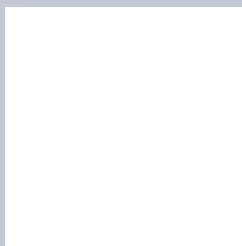
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.7676, 57.8958, 69.2612

Background



This preview shows how black text looks on a background with the XYZ color 54.7676, 57.8958, 69.2612.

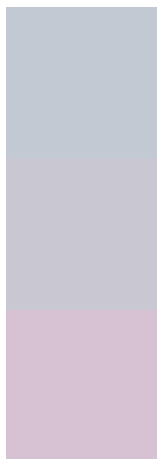


This preview shows how white text looks on a background with the XYZ color 54.7676, 57.8958,

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

54.7676, 57.8958, 69.2612

Protanopia

56.0194, 57.8678, 68.5387

Deuteranopia

58.7812, 57.5829, 69.6445



Tritanopia

55.5546, 57.8685, 73.2074

Trichromacy



Original Color

54.7676, 57.8958, 69.2612

Protanomaly

55.4516, 57.9178, 68.5782

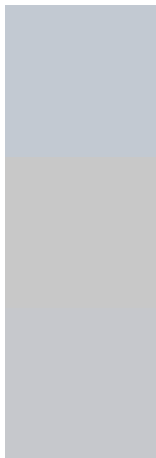
Deuteranomaly

57.4563, 57.9011, 69.7758

Tritanomaly

55.2976, 57.7657, 71.8537

Monochromacy



Original Color

54.7676, 57.8958, 69.2612

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.8421, 57.6740, 65.3684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7676, 57.8958, 69.2612 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, 201, 210)` looks like.

```
.text, #text, p{  
    color:rgb(194, 201, 210)  
}
```

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, 201, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 201, 210) }
```

Border

The CSS property to change the border of an element to XYZ 54.7676, 57.8958, 69.2612 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, 201, 210) }
```


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

```
.border{ border-color:rgb(194, 201, 210) }
```

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

Here you see how a box with a 4 pixel rgb(194, 201, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 201, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 201, 210);  
box-shadow:4px 4px 4px 4px rgb(194, 201,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7676, 57.8958, 69.2612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 201, 210) }
```

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

```
.background{ background-color: rgb(194,  
201, 210) }
```

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