

Converting Colors

XYZ(54.8814, 57.9396, 68.6137)

Have a look what the booklet for
XYZ(54.8814, 57.9396, 68.6137)
contains.

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Color

**XYZ(54.9009, 57.9788,
68.6190)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C9D1
RGB	195, 201, 209
RGB Percent	76%, 79%, 82%
CMY	0.2353, 0.2117, 0.1804
CMYK	0.07, 0.04, 0.00, 0.18
HSL	214°, 13%, 79%
HSV	214°, 7%, 82%
XYZ	54.9009, 57.9788, 68.6190
YIQ	200.1180, -6.1440, 1.2160

Conversions

Conversions Part 2

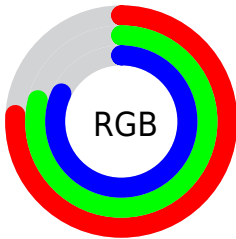
Format	Color
R _Y B	195, 199, 209
Decimal	12831185
CIE Lab	80.73, -0.52, -4.70
CIE LCh	81, 4.729, 263.679
Yxy	57.9788, 0.3025, 0.3194
Android (android.graphics.Color)	4291021265 (0xFFC3C9D1)
YUV	200.1180, 4.3788, -4.4885
Hunter-Lab	76.1438, -4.5503, -0.1301

Details

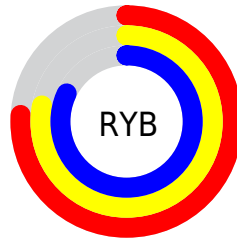
The XYZ color **54.9009, 57.9788, 68.6190** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5009, 60.2067, 60.2211**, and the grayscale version is **54.9503, 57.8120, 62.9573**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **27.3346, 28.8967, 35.1473** is the 20% darker color. If you saturate the color by 10%, you get **47.1988, 50.0376, 67.4930**, and if you desaturate by 10%, it is **63.5785, 66.7472, 69.8550**.

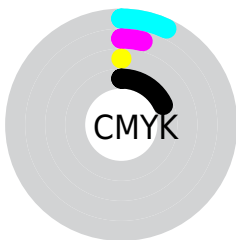
Distribution



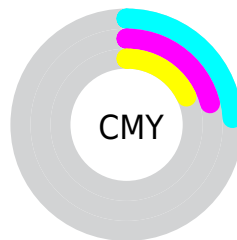
- Red (76%)
- Green (79%)
- Blue (82%)



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



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9009, 57.9788, 68.6190 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 54.9009, 57.9788, 68.6190 by changing the saturation by 10% instead.

■ 54.9009, 57.9788,
68.6190

■ 54.9009, 57.9788,
68.6190

395.6787,
417.1069, 474.3435

■ 39.5559, 41.7916,
49.9317

■ 96.5449, 101.8920,
118.8998

■ 27.3751, 28.9381,
34.9883

123.5746,
130.3868, 151.3303

■ 17.9932, 19.0340,
23.3704

155.2300,
163.7529, 189.1790

■ 11.0448, 11.6949,
14.6594

191.8764,
202.3747, 232.8644

■ 6.1645, 6.5363,
8.4367

233.8790,
246.6366, 282.8050

■ 2.9870, 3.1738,
4.2839

281.6034,

■ 1.1469, 1.2231,

296.9230, 339.4194

1.7823

335.4149,
353.6183, 403.1260

■ 0.0638, 0.0805,
0.4163

■ 0.0000, 0.0000,
0.0000

■ 54.9009, 57.9788,
68.6190

■ 54.9009, 57.9788,
68.6190

■ 47.1988, 50.0376,
67.4930

■ 63.5785, 66.7472,
69.8550

■ 40.4311, 42.8904,
66.4702

■ 73.2608, 76.3601,
71.2002

■ 34.5611, 36.5122,
65.5484

■ 82.9807, 86.3273,
72.6117

■ 29.5474, 30.8740,
64.7244

■ 86.5496, 93.4651,
73.8014

■ 25.3453, 25.9447,
63.9944

■ 88.5088, 97.3835,
74.4544

■ 21.9056, 21.6904,
63.3546

■ 19.1734, 18.0737,
62.8005

■ 17.0848, 15.0527,
62.3274

■ 15.5589, 12.5755,
61.9297

Harmonies

Analogous

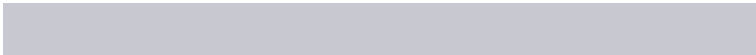
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.0038, 57.9788, 67.5559



54.9009, 57.9788, 68.6190



55.8637, 57.9788, 68.1765

Triad

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



54.9009, 57.9788, 68.6190



56.8424, 57.9788, 60.9966



53.6099, 57.9788, 60.0011

Complementary

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



54.9009, 57.9788, 68.6190



57.5009, 60.2067, 60.2211

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.



54.3574, 57.9788, 58.3371



54.9009, 57.9788, 68.6190



56.2253, 57.9788, 58.8999

Square

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



54.9009, 57.9788, 68.6190



56.9921, 57.9788, 63.7222



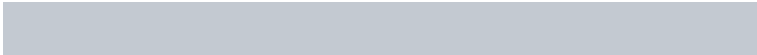
55.3138, 57.9788, 57.9400



53.2641, 57.9788, 62.5396

Rectangle

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



54.9009, 57.9788, 68.6190



56.4124, 57.9788, 67.0935



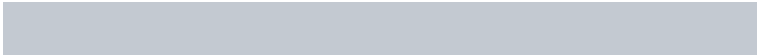
55.3138, 57.9788, 57.9400



53.8221, 57.9788, 59.3240

Sweetspot

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



54.9026, 57.9813, 68.6203



92.2762, 97.2009, 108.5059



56.0786, 61.5126, 65.3766



19.7800, 20.8344, 23.2289



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.



54.9026, 57.9813, 68.6203



84.3337, 89.1235, 107.3654



53.7722, 55.3614, 68.1742



11.5745, 12.2393, 14.9960



9.4240, 7.4946, 38.1424



0.6050, 0.5751, 2.1587

Inverse Universe

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



56.3535, 56.8037, 63.2552



87.0641, 86.9399, 97.2617



58.6828, 62.9615, 60.6905



12.0161, 11.8912, 13.3608



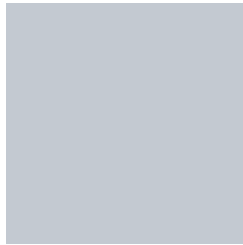
17.3875, 8.8279, 6.9469



1.0116, 0.5094, 0.5958

Previews

White Background



This preview shows how the XYZ color 54.9009, 57.9788, 68.6190 looks on a white background.

Color Contrast Check

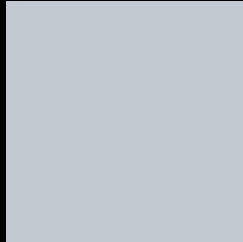
Large Text (above 18pt) WCAG AA × Fail

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 54.9009, 57.9788, 68.6190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

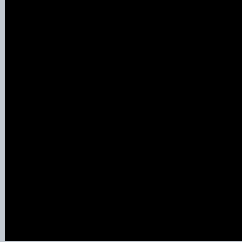
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

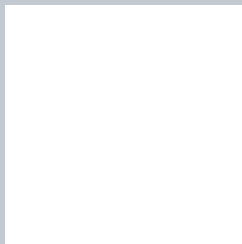
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.9009, 57.9788, 68.6190

Background



This preview shows how black text looks on a background with the XYZ color 54.9009, 57.9788, 68.6190.



This preview shows how white text looks on a background with the XYZ color 54.9009, 57.9788,

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

54.9009, 57.9788, 68.6190

Protanopia

56.1657, 57.9575, 67.9012

Deuteranopia

58.9490, 57.6838, 68.9999



Tritanopia

55.8139, 58.0022, 73.2196

Trichromacy



Original Color

54.9009, 57.9788, 68.6190

Protanomaly

55.5926, 58.0047, 67.9405

Deuteranomaly

57.6115, 57.9955, 69.1306

Tritanomaly

55.4295, 57.8484, 71.1952

Monochromacy



Original Color

54.9009, 57.9788, 68.6190

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.7225, 57.6261, 64.7387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9009, 57.9788, 68.6190 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(195, 201, 209) looks like.

```
.text, #text, p{  
    color:rgb(195, 201, 209)  
}
```

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(195, 201, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 201, 209) }
```

Border

The CSS property to change the border of an element to XYZ 54.9009, 57.9788, 68.6190 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(195, 201, 209) }
```


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

```
.border{ border-color:rgb(195, 201, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 201, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 201, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 201, 209); box-shadow:4px 4px 4px 4px rgb(195, 201, 209) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9009, 57.9788, 68.6190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 201, 209) }
```

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

```
.background{ background-color: rgb(195,  
201, 209) }
```

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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