

Converting Colors

XYZ(54.6368, 57.8139, 69.9075)

Have a look what the booklet for
XYZ(54.6368, 57.8139, 69.9075)
contains.

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Color

**XYZ(54.6368, 57.8139,
69.9075)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C9D3
RGB	193, 201, 211
RGB Percent	76%, 79%, 83%
CMY	0.2431, 0.2117, 0.1725
CMYK	0.09, 0.05, 0.00, 0.17
HSL	213°, 17%, 79%
HSV	213°, 9%, 83%
XYZ	54.6368, 57.8139, 69.9075
YIQ	199.7480, -7.9780, 1.4140

Conversions

Conversions Part 2

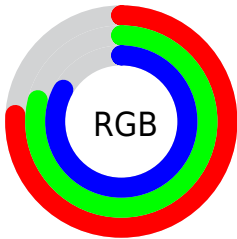
Format	Color
R_{YB}	193, 199, 211
Decimal	12700115
CIE Lab	80.64, -0.79, -5.93
CIE LCh	81, 5.978, 262.370
Yxy	57.8139, 0.2996, 0.3170
Android (android.graphics.Color)	4290890195 (0xFFC1C9D3)
YUV	199.7480, 5.5472, -5.9180
Hunter-Lab	76.0355, -4.7973, -1.2868

Details

The XYZ color **54.6368, 57.8139, 69.9075** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.8457, 60.4104, 59.0646**, and the grayscale version is **54.7166, 57.5661, 62.6895**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **27.1670, 28.7907, 36.0236** is the 20% darker color. If you saturate the color by 10%, you get **47.0089, 49.9811, 68.7986**, and if you desaturate by 10%, it is **63.2440, 66.4640, 71.1244**.

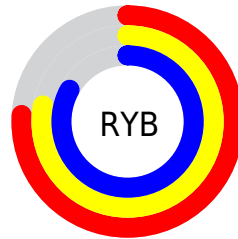
Distribution



Red (76%)

Green (79%)

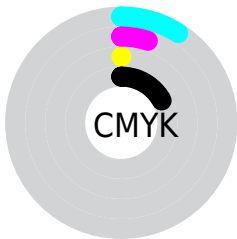
Blue (83%)



Red (76%)

Yellow (78%)

Blue (83%)

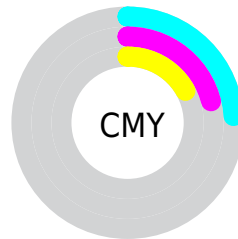


Cyan (9%)

Magenta (5%)

Yellow (0%)

Black (17%)



Cyan (24%)

Magenta (21%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6368, 57.8139, 69.9075 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 54.6368, 57.8139, 69.9075 by changing the saturation by 10% instead.

■ 54.6368, 57.8139,
69.9075

■ 54.6368, 57.8139,
69.9075

394.6925,
416.4921, 479.0055

■ 39.3437, 41.6591,
50.9748

■ 96.1600, 101.6518,
120.7567

■ 27.2091, 28.8344,
35.8120

123.1209,
130.1037, 153.5103

■ 17.8678, 18.9556,
24.0005

154.7017,
163.4233, 191.7079

■ 10.9542, 11.6382,
15.1218

191.2678,
201.9951, 235.7681

■ 6.1031, 6.4978,
8.7573

233.1846,
246.2035, 286.1094

■ 2.9491, 3.1501,
4.4886

280.8174,

■ 1.1269, 1.2106,

296.4329, 343.1504

1.8970

334.5316,
353.0676, 407.3096

■ 0.0475, 0.0703,
0.4908

■ 0.0000, 0.0000,
0.0000

■ 54.6368, 57.8139,
69.9075

■ 54.6368, 57.8139,
69.9075

■ 47.0089, 49.9811,
68.7986

■ 63.2440, 66.4640,
71.1244

■ 40.3182, 42.9325,
67.7907

■ 72.8602, 75.9488,
72.4483

■ 34.5270, 36.6430,
66.8819

■ 83.0396, 86.0464,
73.8608

■ 29.5929, 31.0835,
66.0689

■ 86.5282, 93.0235,
75.0237

■ 25.4699, 26.2225,
65.3479

■ 88.7580, 97.4832,
75.7670

■ 22.1071, 22.0258,
64.7151

■ 19.4473, 18.4556,
64.1662

■ 17.4240, 15.4688,
63.6963

■ 15.9377, 13.0049,
63.2991

Harmonies

Analogous

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



53.5183, 57.8139, 68.4701



54.6368, 57.8139, 69.9075



55.8558, 57.8139, 69.4261

Triad

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



54.6368, 57.8139, 69.9075



57.1676, 57.8139, 60.4056



53.0977, 57.8139, 58.9021

Complementary

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



54.6368, 57.8139, 69.9075



57.8457, 60.4104, 59.0646

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.



54.0548, 57.8139, 56.8888



54.6368, 57.8139, 69.9075



56.4077, 57.8139, 57.7340

Square

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



54.6368, 57.8139, 69.9075



57.3290, 57.8139, 63.8536



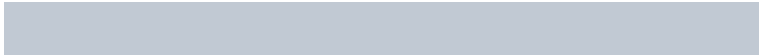
55.2652, 57.8139, 56.4692



52.6384, 57.8139, 62.0540

Rectangle

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



54.6368, 57.8139, 69.9075



56.5604, 57.8139, 68.0898



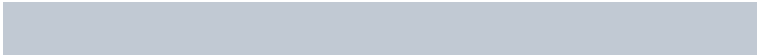
55.2652, 57.8139, 56.4692



53.3712, 57.8139, 58.0746

Sweetspot

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



54.6385, 57.8163, 69.9088



90.9509, 95.8970, 108.3241



56.0550, 62.2339, 65.4963



19.2378, 20.2954, 23.1534



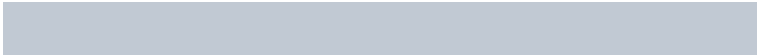
0.0000, 0.0000, 0.0000



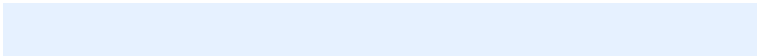
20.3446, 21.4041, 23.3091

Same Dimension

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



54.6385, 57.8163, 69.9088



81.9302, 86.7750, 107.0388



53.0512, 54.3001, 69.3137



11.5901, 12.2706, 15.0012



9.6004, 7.8475, 38.2012



0.6153, 0.5959, 2.1622

Inverse Universe

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



56.4778, 56.2070, 63.1335



85.2508, 83.9169, 94.7966



59.5276, 64.1560, 59.6989



12.0240, 11.8943, 13.4023



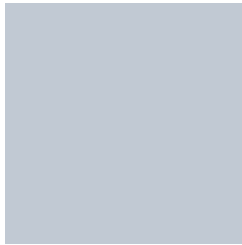
17.4766, 8.8635, 7.4159



1.0168, 0.5114, 0.6234

Previews

White Background



This preview shows how the XYZ color 54.6368, 57.8139, 69.9075 looks on a white background.

Color Contrast Check

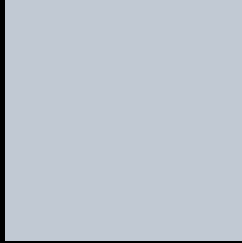
Large Text (above 18pt) WCAG AA × Fail

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 54.6368, 57.8139, 69.9075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

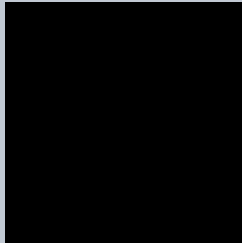
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

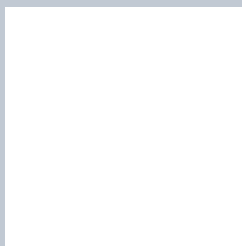
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.6368, 57.8139, 69.9075

Background



This preview shows how black text looks on a background with the XYZ color 54.6368, 57.8139, 69.9075.

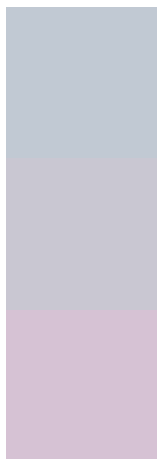


This preview shows how white text looks on a background with the XYZ color 54.6368, 57.8139,

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

54.6368, 57.8139, 69.9075

Protanopia

56.1437, 57.9175, 69.1929

Deuteranopia

58.9070, 57.6332, 70.3069



Tritanopia

55.2971, 57.7358, 73.1954

Trichromacy



Original Color

54.6368, 57.8139, 69.9075

Protanomaly

55.5758, 57.9675, 69.2324

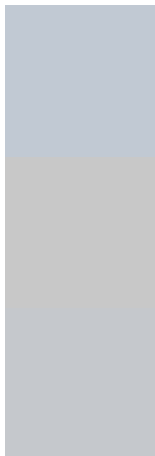
Deuteranomaly

57.3035, 57.8078, 70.4252

Tritanomaly

55.0400, 57.6329, 71.8417

Monochromacy



Original Color

54.6368, 57.8139, 69.9075

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.5793, 57.5385, 65.3561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6368, 57.8139, 69.9075 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(193, 201, 211)` looks like.

```
.text, #text, p{  
    color:rgb(193, 201, 211)  
}
```

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(193, 201, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 201, 211) }
```

Border

The CSS property to change the border of an element to XYZ 54.6368, 57.8139, 69.9075 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(193, 201, 211) }
```


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

```
.border{ border-color:rgb(193, 201, 211) }
```

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

Here you see how a box with a 4 pixel rgb(193, 201, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 201, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 201, 211);  
box-shadow:4px 4px 4px 4px rgb(193, 201,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6368, 57.8139, 69.9075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 201, 211) }
```

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

```
.background{ background-color: rgb(193,  
201, 211) }
```

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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