

Converting Colors

XYZ(51.9827, 54.3121, 63.3309)

Have a look what the booklet for
XYZ(51.9827, 54.3121, 63.3309)
contains.

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Color

**XYZ(51.9448, 54.1853,
63.5981)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C2CA
RGB	193, 194, 202
RGB Percent	76%, 76%, 79%
CMY	0.2431, 0.2392, 0.2078
CMYK	0.04, 0.04, 0.00, 0.21
HSL	233°, 8%, 77%
HSV	233°, 4%, 79%
XYZ	51.9448, 54.1853, 63.5981
YIQ	194.6130, -3.1640, 2.2760

Conversions

Conversions Part 2

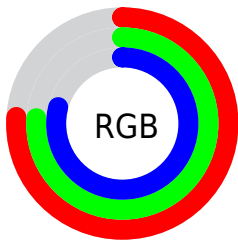
Format	Color
R_{YB}	193, 194, 202
Decimal	12698314
CIE Lab	78.57, 1.17, -4.13
CIE LCh	79, 4.293, 285.763
Yxy	54.1853, 0.3060, 0.3192
Android (android.graphics.Color)	4290888394 (0xFFC1C2CA)
YUV	194.6130, 3.6418, -1.4146
Hunter-Lab	73.6107, -2.8567, 0.3021

Details

The XYZ color **51.9448, 54.1853, 63.5981** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.8695, 58.1796, 58.7909**, and the grayscale version is **51.6233, 54.3117, 59.1455**.

A 20% lighter version of the original color is **91.3025, 95.7310, 108.2735**, and **25.5386, 26.4697, 31.7801** is the 20% darker color. If you saturate the color by 10%, you get **43.3868, 44.1984, 62.1223**, and if you desaturate by 10%, it is **61.6918, 65.5044, 65.2700**.

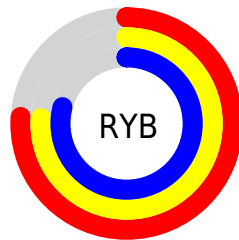
Distribution



Red (76%)

Green (76%)

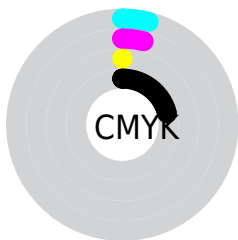
Blue (79%)



Red (76%)

Yellow (76%)

Blue (79%)

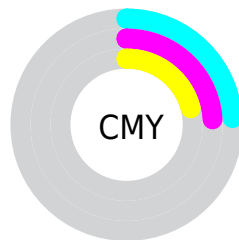


Cyan (4%)

Magenta (4%)

Yellow (0%)

Black (21%)



Cyan (24%)

Magenta (24%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.9448, 54.1853, 63.5981 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 51.9448, 54.1853, 63.5981 by changing the saturation by 10% instead.

■ 51.9448, 54.1853,
63.5981

■ 51.9448, 54.1853,
63.5981

384.5509,
402.8162, 455.9044

■ 37.1852, 38.7498,
45.8811

□ 92.2245, 96.3463,
111.6258

■ 25.5252, 26.5652,
31.8040

118.4754,
123.8405, 142.7737

■ 16.5996, 17.2469,
20.9483

149.2873,
156.1232, 179.2355

■ 10.0430, 10.4107,
12.8953

185.0257,
193.5787, 221.4300

■ 5.4899, 5.6721,
7.2266

226.0559,
236.5913, 269.7756

■ 2.5752, 2.6467,
3.5236

272.7432,

■ 0.9333, 0.9502,

285.5455, 324.6908

1.3678

325.4531,
340.8257, 386.5942

■ 0.0000, 0.0000,
0.1164

■ 0.0000, 0.0000,
0.0000

■ 51.9448, 54.1853,
63.5981

■ 51.9448, 54.1853,
63.5981

■ 43.3868, 44.1984,
62.1223

■ 61.6918, 65.5044,
65.2700

■ 35.9676, 35.4880,
60.8321

■ 72.6662, 78.1951,
67.1412

■ 29.6405, 28.0045,
59.7211

■ 84.9102, 92.3038,
69.2191

■ 24.3537, 21.6926,
58.7814

■ 87.6608, 97.0443,
69.9891

■ 20.0510, 16.4926,
58.0045

■ 16.6711, 12.3396,
57.3810

■ 14.1456, 9.1619,
56.9008

■ 12.3963, 6.8785,
56.5522

■ 11.3306, 5.3950,
56.3221

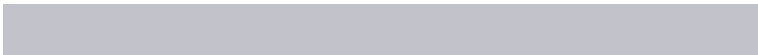
Harmonies

Analogous

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



51.1023, 54.1853, 63.6319



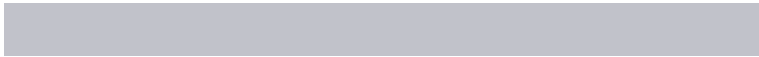
51.9448, 54.1853, 63.5981



52.6761, 54.1853, 62.3097

Triad

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



51.9448, 54.1853, 63.5981



52.6450, 54.1853, 55.7224



49.9403, 54.1853, 57.8599

Complementary

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



51.9448, 54.1853, 63.5981



54.8695, 58.1796, 58.7909

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.



50.3445, 54.1853, 55.8069



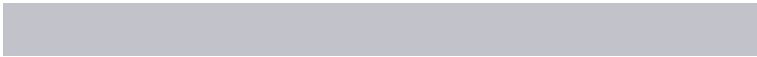
51.9448, 54.1853, 63.5981



51.9027, 54.1853, 54.5959

Square

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



51.9448, 54.1853, 63.5981



53.0834, 54.1853, 57.7417



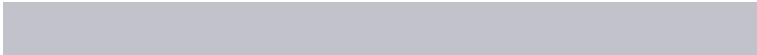
51.0607, 54.1853, 54.6263



49.9513, 54.1853, 60.2736

Rectangle

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



51.9448, 54.1853, 63.5981



52.9996, 54.1853, 60.9324



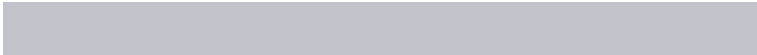
51.0607, 54.1853, 54.6263



50.0319, 54.1853, 57.1061

Sweetspot

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



51.9464, 54.1876, 63.5993



93.3995, 98.0824, 108.6169



53.6505, 57.7941, 63.5560



20.0087, 21.0139, 23.2515



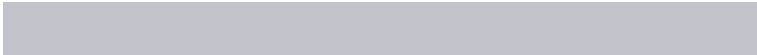
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



51.9464, 54.1876, 63.5993



87.0056, 90.6450, 107.5183



52.6137, 54.2014, 63.5668



11.4439, 11.9083, 14.2657



7.0840, 3.1920, 36.1990



0.4002, 0.2341, 1.8790

Inverse Universe

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



53.1659, 54.5926, 58.7769



89.3458, 91.4249, 98.2639



54.1810, 58.1728, 58.8259



11.7887, 12.0236, 12.9019



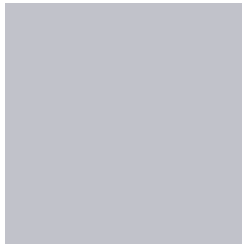
15.7866, 8.1252, 1.3290



0.8319, 0.4262, 0.1608

Previews

White Background



This preview shows how the XYZ color 51.9448, 54.1853, 63.5981 looks on a white background.

Color Contrast Check

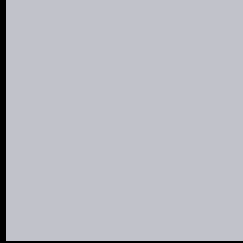
Large Text (above 18pt) WCAG AA × Fail

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 51.9448, 54.1853, 63.5981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

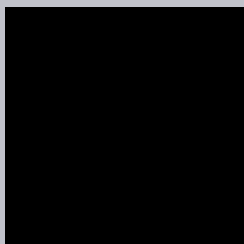
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

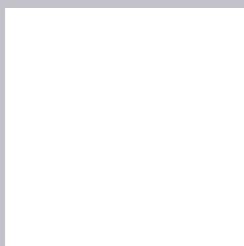
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.9448, 54.1853, 63.5981

Background



This preview shows how black text looks on a background with the XYZ color 51.9448, 54.1853, 63.5981.



This preview shows how white text looks on a background with the XYZ color 51.9448, 54.1853,

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

51.9448, 54.1853, 63.5981

Protanopia

52.4956, 54.1400, 63.5604

Deuteranopia

55.2716, 54.2623, 64.0605



Tritanopia

52.7033, 54.1633, 67.3513

Trichromacy



Original Color

51.9448, 54.1853, 63.5981

Protanomaly

52.2363, 54.0063, 63.5482

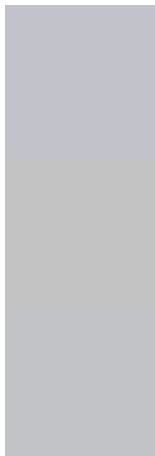
Deuteranomaly

54.0389, 54.2699, 64.1269

Tritanomaly

52.4587, 54.0655, 66.0633

Monochromacy



Original Color

51.9448, 54.1853, 63.5981

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.9563, 54.5768, 61.2221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9448, 54.1853, 63.5981 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, 194, 202) looks like.

```
.text, #text, p{  
    color:rgb(193, 194, 202)  
}
```

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, 194, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 194, 202) }
```

Border

The CSS property to change the border of an element to XYZ 51.9448, 54.1853, 63.5981 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, 194, 202) }
```


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

```
.border{ border-color:rgb(193, 194, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 194, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 194, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 194, 202);  
box-shadow:4px 4px 4px 4px rgb(193, 194,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9448, 54.1853, 63.5981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 194, 202) }
```

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

```
.background{ background-color: rgb(193,  
194, 202) }
```

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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