

Converting Colors

XYZ(51.2290, 54.4437, 68.1108)

Have a look what the booklet for
XYZ(51.2290, 54.4437, 68.1108)
contains.

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Color

**XYZ(51.2561, 54.3976,
68.1199)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C4D1
RGB	185, 196, 209
RGB Percent	73%, 77%, 82%
CMY	0.2745, 0.2314, 0.1804
CMYK	0.11, 0.06, 0.00, 0.18
HSL	212°, 21%, 77%
HSV	212°, 11%, 82%
XYZ	51.2561, 54.3976, 68.1199
YIQ	194.1930, -10.7290, 1.7110

Conversions

Conversions Part 2

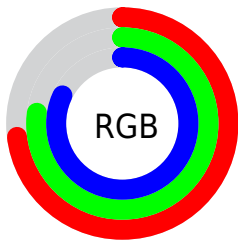
Format	Color
R _Y B	185, 193, 209
Decimal	12174545
CIE Lab	78.69, -1.18, -7.79
CIE LCh	79, 7.880, 261.386
Yxy	54.3976, 0.2950, 0.3130
Android (android.graphics.Color)	4290364625 (0xFFB9C4D1)
YUV	194.1930, 7.2999, -8.0623
Hunter-Lab	73.7547, -5.0216, -3.1320

Details

The XYZ color **51.2561, 54.3976, 68.1199** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.2457, 57.4458, 54.0762**, and the grayscale version is **51.3564, 54.0309, 58.8397**.

A 20% lighter version of the original color is **89.4509, 96.1713, 108.4561**, and **25.1051, 26.6181, 34.8250** is the 20% darker color. If you saturate the color by 10%, you get **44.1230, 47.0736, 67.0830**, and if you desaturate by 10%, it is **59.3262, 62.4935, 69.2581**.

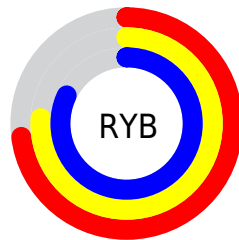
Distribution



Red (73%)

Green (77%)

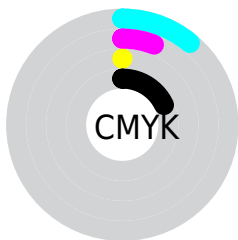
Blue (82%)



Red (73%)

Yellow (76%)

Blue (82%)

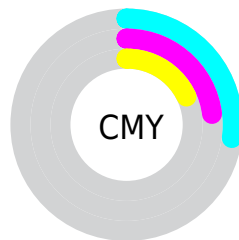


Cyan (11%)

Magenta (6%)

Yellow (0%)

Black (18%)



Cyan (27%)

Magenta (23%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.2561, 54.3976, 68.1199 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 51.2561, 54.3976, 68.1199 by changing the saturation by 10% instead.

■ 51.2561, 54.3976,
68.1199

■ 51.2561, 54.3976,
68.1199

381.9293,
403.6244, 472.5303

■ 36.6343, 38.9196,
49.5280

■ 91.2140, 96.6578,
118.1795

■ 25.0969, 26.6972,
34.6699

117.2808,
124.2088, 150.4842

■ 16.2784, 17.3459,
23.1272

147.8933,
156.5529, 188.1970

■ 9.8134, 10.4815,
14.4813

183.4169,
194.0746, 231.7364

■ 5.3368, 5.7193,
8.3136

224.2169,
237.1582, 281.5208

■ 2.4829, 2.6752,
4.2056

270.6588,

■ 0.8867, 0.9646,

286.1881, 337.9690

1.7388

323.1078,
341.5487, 401.4993

■ 0.0000, 0.0000,
0.3871

■ 0.0000, 0.0000,
0.0000

■ 51.2561, 54.3976,
68.1199

■ 51.2561, 54.3976,
68.1199

■ 44.1230, 47.0736,
67.0830

■ 59.3262, 62.4935,
69.2581

■ 37.8856, 40.4896,
66.1409

■ 68.3629, 71.3782,
70.4967

■ 32.5066, 34.6212,
65.2917

■ 78.4001, 81.0766,
71.8397

■ 27.9440, 29.4402,
64.5322

■ 84.2863, 88.9386,
73.0470

■ 24.1520, 24.9159,
63.8588

■ 87.7467, 95.8592,
74.2004

■ 21.0798, 21.0148,
63.2677

■ 88.5088, 97.3835,
74.4544

■ 18.6695, 17.6995,
62.7548

■ 16.8529, 14.9269,
62.3154

■ 15.6751, 12.9361,
61.9932

Harmonies

Analogous

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



49.8570, 54.3976, 66.1865



51.2561, 54.3976, 68.1199



52.8029, 54.3976, 67.5793

Triad

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



51.2561, 54.3976, 68.1199



54.5420, 54.3976, 56.1572



49.3986, 54.3976, 54.0374

Complementary

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



51.2561, 54.3976, 68.1199



55.2457, 57.4458, 54.0762

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.



50.6190, 54.3976, 51.5979



51.2561, 54.3976, 68.1199



53.5946, 54.3976, 52.7783

Square

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



51.2561, 54.3976, 68.1199



54.7208, 54.3976, 60.5235



52.1531, 54.3976, 51.1488



48.7988, 54.3976, 57.9546

Rectangle

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



51.2561, 54.3976, 68.1199



53.7084, 54.3976, 65.8997



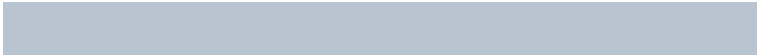
52.1531, 54.3976, 51.1488



49.7487, 54.3976, 53.0257

Sweetspot

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



51.2577, 54.3999, 68.1211



90.9839, 95.9630, 108.3351



52.9789, 59.9841, 62.0919



19.2467, 20.3132, 23.1564



0.0000, 0.0000, 0.0000



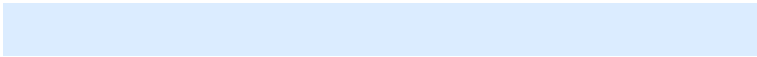
20.3446, 21.4041, 23.3091

Same Dimension

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



51.2577, 54.3999, 68.1211



77.2534, 82.1259, 106.3879



49.0596, 49.7164, 67.3330



11.6038, 12.2979, 15.0058



9.7608, 8.1683, 38.2547



0.6247, 0.6145, 2.1653

Inverse Universe

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



53.6085, 52.2398, 59.4850



81.7418, 78.1165, 89.8731



57.6270, 62.5435, 54.9347



12.0309, 11.8971, 13.4386



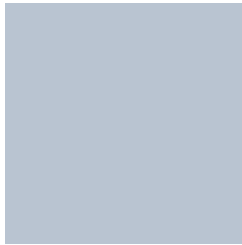
17.5576, 8.8959, 7.8422



1.0215, 0.5133, 0.6482

Previews

White Background



This preview shows how the XYZ color 51.2561, 54.3976, 68.1199 looks on a white background.

Color Contrast Check

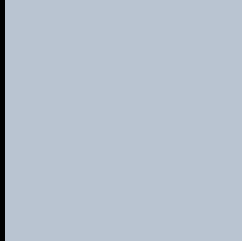
Large Text (above 18pt) WCAG AA × Fail

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 51.2561, 54.3976, 68.1199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

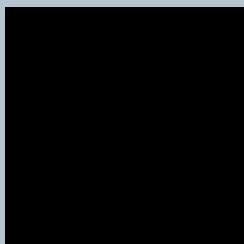
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

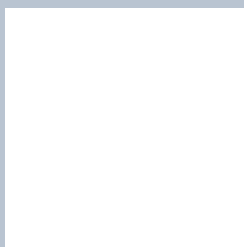
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.2561, 54.3976, 68.1199

Background



This preview shows how black text looks on a background with the XYZ color 51.2561, 54.3976, 68.1199.



This preview shows how white text looks on a background with the XYZ color 51.2561, 54.3976,

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

51.2561, 54.3976, 68.1199

Protanopia

52.5806, 54.1143, 66.7053

Deuteranopia

55.2841, 54.1701, 68.5149



Tritanopia

51.5054, 54.4973, 69.4324

Trichromacy



Original Color

51.2561, 54.3976, 68.1199

Protanomaly

52.1628, 54.2140, 67.3896

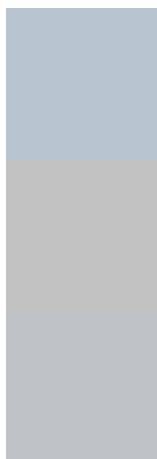
Deuteranomaly

53.7712, 54.3582, 68.6309

Tritanomaly

51.3804, 54.4473, 68.7741

Monochromacy



Original Color

51.2561, 54.3976, 68.1199

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.3098, 54.2301, 61.7960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2561, 54.3976, 68.1199 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(185, 196, 209)` looks like.

```
.text, #text, p{  
    color:rgb(185, 196, 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(185, 196, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 196, 209) }
```

Border

The CSS property to change the border of an element to XYZ 51.2561, 54.3976, 68.1199 is called "border". The border property can be set on classes, ids or directly on the HTML element.

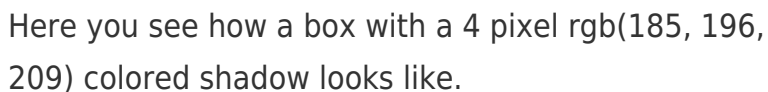
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 196, 209) }
```


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

```
.border{ border-color:rgb(185, 196, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 196, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 196, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 196, 209);  
box-shadow:4px 4px 4px 4px rgb(185, 196,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2561, 54.3976, 68.1199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 196, 209) }
```

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

```
.background{ background-color: rgb(185,  
196, 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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