

Converting Colors

XYZ(51.5369, 54.9284, 70.4036)

Have a look what the booklet for
XYZ(51.5369, 54.9284, 70.4036)
contains.

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Color

**XYZ(51.3784, 54.7533,
70.1479)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C5D4
RGB	183, 197, 212
RGB Percent	72%, 77%, 83%
CMY	0.2823, 0.2274, 0.1686
CMYK	0.14, 0.07, 0.00, 0.17
HSL	211°, 25%, 77%
HSV	211°, 14%, 83%
XYZ	51.3784, 54.7533, 70.1479
YIQ	194.5240, -13.1590, 1.6970

Conversions

Conversions Part 2

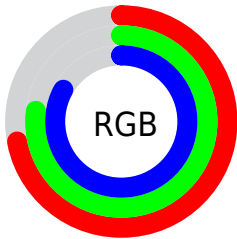
Format	Color
R_{YB}	183, 192, 212
Decimal	12043732
CIE Lab	78.90, -1.74, -9.12
CIE LCh	79, 9.282, 259.168
Yxy	54.7533, 0.2915, 0.3106
Android (android.graphics.Color)	4290233812 (0xFFB7C5D4)
YUV	194.5240, 8.6157, -10.1065
Hunter-Lab	73.9955, -5.5515, -4.4102

Details

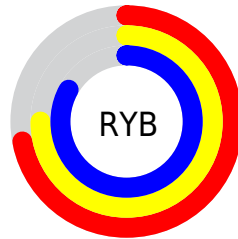
The XYZ color **51.3784, 54.7533, 70.1479** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.8931, 57.8039, 53.0123**, and the grayscale version is **51.5461, 54.2306, 59.0571**.

A 20% lighter version of the original color is **89.0884, 96.4543, 108.5298**, and **25.1142, 26.8251, 35.7524** is the 20% darker color. If you saturate the color by 10%, you get **44.3114, 47.5492, 69.1307**, and if you desaturate by 10%, it is **59.3892, 62.7157, 71.2634**.

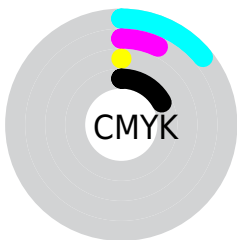
Distribution



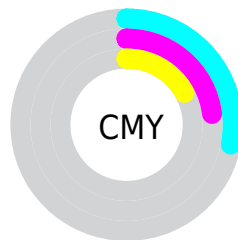
- Red (72%)
- Green (77%)
- Blue (83%)



- Red (72%)
- Yellow (75%)
- Blue (83%)



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)
- Black (17%)



- Cyan (28%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.3784, 54.7533, 70.1479 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 51.3784, 54.7533, 70.1479 by changing the saturation by 10% instead.

■ 51.3784, 54.7533,
70.1479

■ 51.3784, 54.7533,
70.1479

382.3956,
404.9761, 479.8723

■ 36.7321, 39.2042,
51.1696

■ 91.3935, 97.1794,
121.1027

■ 25.1729, 26.9187,
35.9659

117.4931,
124.8252, 153.9163

■ 16.3353, 17.5121,
24.1184

148.1411,
157.2721, 192.1788

■ 9.8541, 10.6003,
15.2085

183.7029,
194.9045, 236.3085

■ 5.3638, 5.7988,
8.8176

224.5440,
238.1066, 286.7243

■ 2.4992, 2.7231,
4.5272

271.0295,

■ 0.8949, 0.9889,

287.2630, 343.8444

1.9188

323.5250,
342.7581, 408.0876

■ 0.0000, 0.0000,
0.5047

■ 0.0000, 0.0000,
0.0000

■ 51.3784, 54.7533,
70.1479

■ 51.3784, 54.7533,
70.1479

■ 44.3114, 47.5492,
69.1307

■ 59.3892, 62.7157,
71.2634

■ 38.1457, 41.0714,
68.2053

■ 68.3744, 71.4532,
72.4764

■ 32.8426, 35.2955,
67.3700

■ 78.3692, 80.9908,
73.7905

■ 28.3584, 30.1930,
66.6214

■ 84.5374, 88.8406,
74.9806

■ 24.6453, 25.7329,
65.9563

■ 87.8785, 95.5229,
76.0943

■ 21.6499, 21.8811,
65.3707

■ 88.8838, 97.5335,
76.4294

■ 19.3112, 18.5993,
64.8605

■ 17.5560, 15.8426,
64.4209

■ 16.6712, 14.3282,
64.1752

Harmonies

Analogous

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



49.7592, 54.7533, 67.6281



51.3784, 54.7533, 70.1479



53.2133, 54.7533, 69.7233

Triad

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



51.3784, 54.7533, 70.1479



55.4599, 54.7533, 56.3474



49.4066, 54.7533, 53.2261

Complementary

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



51.3784, 54.7533, 70.1479



55.8931, 57.8039, 53.0123

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.



50.8868, 54.7533, 50.5378



51.3784, 54.7533, 70.1479



54.3923, 54.7533, 52.2650

Square

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



51.3784, 54.7533, 70.1479



55.5991, 54.7533, 61.5443



52.7100, 54.7533, 50.1967



48.6387, 54.7533, 57.7305

Rectangle

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



51.3784, 54.7533, 70.1479



54.3111, 54.7533, 67.8344



52.7100, 54.7533, 50.1967



49.8357, 54.7533, 52.0917

Sweetspot

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



51.3800, 54.7556, 70.1491



89.7367, 94.7970, 108.1758



53.2641, 61.2317, 62.4286



18.9993, 20.0856, 23.1255



0.0000, 0.0000, 0.0000



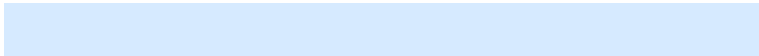
20.3446, 21.4041, 23.3091

Same Dimension

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



51.3800, 54.7556, 70.1491



75.2344, 80.3352, 106.1487



48.4618, 48.7483, 69.1434



12.2325, 12.9884, 15.7998



10.3912, 9.0441, 39.6512



0.7094, 0.7108, 2.4191

Inverse Universe

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



54.1642, 51.8965, 59.9882



80.1742, 75.3892, 88.0928



59.1039, 64.4322, 54.1224



12.6705, 12.5197, 14.2054



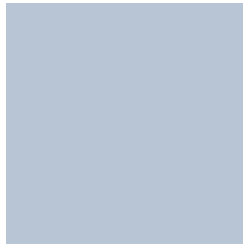
18.3038, 9.2579, 8.9040



1.1457, 0.5751, 0.7568

Previews

White Background



This preview shows how the XYZ color 51.3784, 54.7533, 70.1479 looks on a white background.

Color Contrast Check

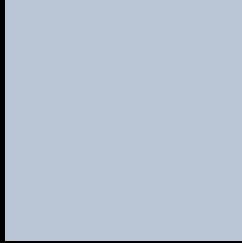
Large Text (above 18pt) WCAG AA × Fail

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 51.3784, 54.7533, 70.1479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

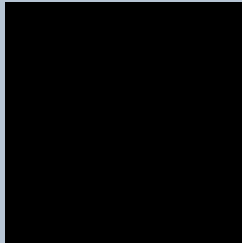
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.3784, 54.7533, 70.1479

Background



This preview shows how black text looks on a background with the XYZ color 51.3784, 54.7533, 70.1479.

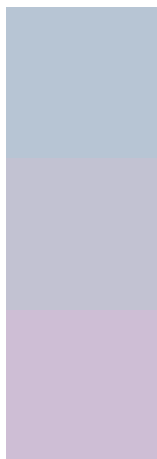


This preview shows how white text looks on a background with the XYZ color 51.3784, 54.7533,

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

51.3784, 54.7533, 70.1479

Protanopia

53.1728, 54.7061, 68.7296

Deuteranopia

55.8773, 54.7528, 70.5741



Tritanopia

51.5049, 54.8039, 70.8144

Trichromacy



Original Color

51.3784, 54.7533, 70.1479

Protanomaly

52.5082, 54.6805, 69.4149

Deuteranomaly

54.3689, 54.9498, 70.6916

Tritanomaly

51.5049, 54.8039, 70.8144

Monochromacy



Original Color

51.3784, 54.7533, 70.1479

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.7684, 54.7733, 63.1022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3784, 54.7533, 70.1479 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(183, 197, 212)` looks like.

```
.text, #text, p{  
    color:rgb(183, 197, 212)  
}
```

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(183, 197, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 197, 212) }
```

Border

The CSS property to change the border of an element to XYZ 51.3784, 54.7533, 70.1479 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(183, 197, 212) }
```


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

```
.border{ border-color:rgb(183, 197, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 197, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 197, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 197, 212);  
box-shadow:4px 4px 4px 4px rgb(183, 197,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3784, 54.7533, 70.1479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 197, 212) }
```

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

```
.background{ background-color: rgb(183,  
197, 212) }
```

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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