

Converting Colors

XYZ(50.6893, 54.3625, 64.5568)

Have a look what the booklet for
XYZ(50.6893, 54.3625, 64.5568)
contains.

XYZ(50.7533, 54.5586, 64.3558)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.7533, 54.5586,
64.3558)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C5CB
RGB	185, 197, 203
RGB Percent	73%, 77%, 80%
CMY	0.2745, 0.2274, 0.2039
CMYK	0.09, 0.03, 0.00, 0.20
HSL	200°, 15%, 76%
HSV	200°, 9%, 80%
XYZ	50.7533, 54.5586, 64.3558
YIQ	194.0960, -9.0780, -0.6780

Conversions

Conversions Part 2

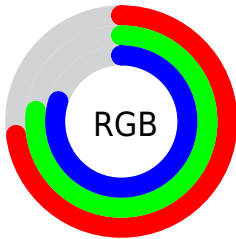
Format	Color
RYB	185, 192, 203
Decimal	12174795
CIELab	78.79, -2.92, -4.42
CIELCh	79, 5.296, 236.568
Yxy	54.5586, 0.2991, 0.3216
Android (android.graphics.Color)	4290364875 (0xFFB9C5CB)
YUV	194.0960, 4.3897, -7.9772
Hunter-Lab	73.8638, -6.6107, 0.0467

Details

The XYZ color **50.7533, 54.5586, 64.3558** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.0165, 53.4604, 53.4771**, and the grayscale version is **51.3150, 53.9873, 58.7922**.

A 20% lighter version of the original color is **89.7674, 96.8044, 108.5616**, and **24.7630, 26.7204, 32.2862** is the 20% darker color. If you saturate the color by 10%, you get **44.7004, 49.2108, 63.6434**, and if you desaturate by 10%, it is **57.5775, 60.4093, 65.1263**.

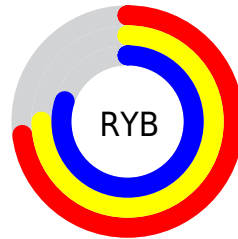
Distribution



Red (73%)

Green (77%)

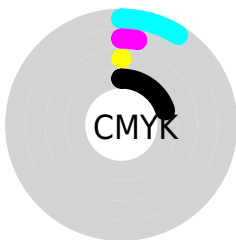
Blue (80%)



Red (73%)

Yellow (75%)

Blue (80%)

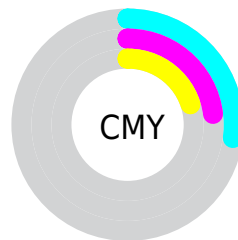


Cyan (9%)

Magenta (3%)

Yellow (0%)

Black (20%)



Cyan (27%)

Magenta (23%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7533, 54.5586, 64.3558 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 50.7533, 54.5586, 64.3558 by changing the saturation by 10% instead.

■ 50.7533, 54.5586,
64.3558

■ 50.7533, 54.5586,
64.3558

380.0080,
404.2366, 458.7161

■ 36.2326, 39.0484,
46.4909

■ 90.4752, 96.8939,
112.7276

■ 24.7848, 26.7974,
32.2819

116.4070,
124.4879, 144.0715

■ 16.0447, 17.4211,
21.3103

146.8732,
156.8786, 180.7456

■ 9.6468, 10.5352,
13.1576

182.2392,
194.4504, 223.1682

■ 5.2259, 5.7552,
7.4051

222.8704,
237.5877, 271.7581

■ 2.4165, 2.6968,
3.6345

269.1320,

■ 0.8533, 0.9756,

286.6749, 326.9336

1.4270

321.3894,
342.0964, 389.1134

■ 0.0000, 0.0000,
0.1627

■ 0.0000, 0.0000,
0.0000

■ 50.7533, 54.5586,
64.3558

■ 50.7533, 54.5586,
64.3558

■ 44.7004, 49.2108,
63.6434

■ 57.5775, 60.4093,
65.1263

■ 39.3837, 44.3419,
62.9839

■ 65.1968, 66.7721,
65.9528

■ 34.7723, 39.9363,
62.3765

■ 73.6400, 73.6644,
66.8382

■ 30.8312, 35.9744,
61.8195

■ 78.6907, 78.9140,
67.5852

■ 27.5220, 32.4351,
61.3108

■ 80.5454, 82.6233,
68.2035

■ 24.8024, 29.2952,
60.8481

■ 82.4731, 86.4788,
68.8460

■ 22.6243, 26.5283,
60.4288

■ 84.4748, 90.4822,
69.5133

■ 20.9312, 24.1039,
60.0501

■ 86.5512, 94.6350,
70.2054

■ 19.6317, 21.9733,
59.7073

■ 87.7797, 97.0919,
70.6149

Harmonies

Analogous

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



50.0737, 54.5586, 62.0255



50.7533, 54.5586, 64.3558



51.7357, 54.5586, 65.3579

Triad

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



50.7533, 54.5586, 64.3558



53.8952, 54.5586, 59.7514



50.9597, 54.5586, 54.3883

Complementary

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



50.7533, 54.5586, 64.3558



52.0165, 53.4604, 53.4771

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.



51.9771, 54.5586, 53.8251



50.7533, 54.5586, 64.3558



53.6808, 54.5586, 56.8595

Square

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



50.7533, 54.5586, 64.3558



53.5573, 54.5586, 62.6438



52.9752, 54.5586, 54.7149



50.1917, 54.5586, 56.2799

Rectangle

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



50.7533, 54.5586, 64.3558



52.4334, 54.5586, 65.1137



52.9752, 54.5586, 54.7149



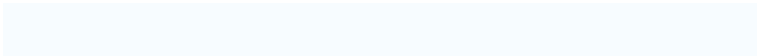
51.2835, 54.5586, 54.0401

Sweetspot

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



50.7549, 54.5609, 64.3570



91.4836, 96.9625, 108.5017



50.7353, 56.7754, 57.4028



19.3817, 20.5830, 23.2014



0.0000, 0.0000, 0.0000



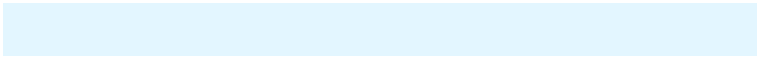
20.3446, 21.4041, 23.3091

Same Dimension

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



50.7549, 54.5609, 64.3570



82.5637, 89.2445, 107.4821



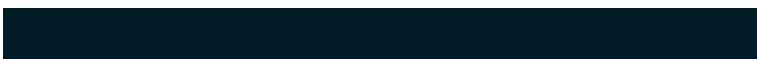
48.8353, 50.7217, 63.7171



11.2162, 12.0727, 14.3095



12.4932, 14.0103, 38.0021



0.7125, 0.8587, 1.9831

Inverse Universe

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



52.0568, 51.4267, 60.0087



85.2770, 82.8035, 98.3994



53.9713, 57.3699, 54.1287



11.5225, 11.3377, 13.2859



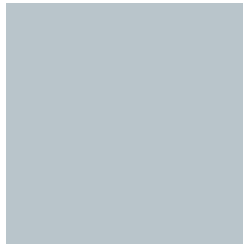
18.5169, 9.2173, 15.7064



0.9896, 0.4892, 0.9909

Previews

White Background



This preview shows how the XYZ color 50.7533, 54.5586, 64.3558 looks on a white background.

Color Contrast Check

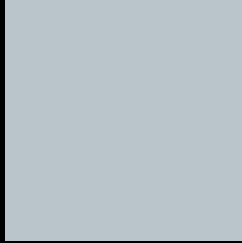
Large Text (above 18pt) WCAG AA × Fail

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 50.7533, 54.5586, 64.3558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

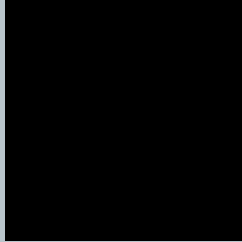
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

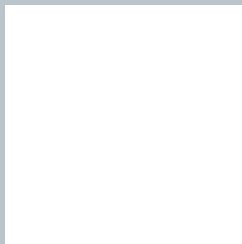
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.7533, 54.5586, 64.3558

Background



This preview shows how black text looks on a background with the XYZ color 50.7533, 54.5586, 64.3558.

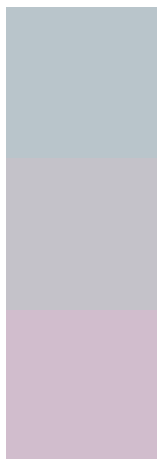


This preview shows how white text looks on a background with the XYZ color 50.7533, 54.5586,

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

50.7533, 54.5586, 64.3558

Protanopia

52.5994, 54.5364, 63.0126

Deuteranopia

55.5115, 54.3583, 65.3240



Tritanopia

51.7475, 54.6221, 69.4438

Trichromacy



Original Color

50.7533, 54.5586, 64.3558

Protanomaly

51.9140, 54.5009, 63.6607

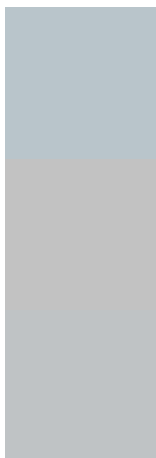
Deuteranomaly

53.5681, 54.3383, 64.7917

Tritanomaly

51.3748, 54.4730, 67.4811

Monochromacy



Original Color

50.7533, 54.5586, 64.3558

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.0790, 54.1378, 60.5808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7533, 54.5586, 64.3558 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, 197, 203)` looks like.

```
.text, #text, p{  
    color:rgb(185, 197, 203)  
}
```

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, 197, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 197, 203) }
```

Border

The CSS property to change the border of an element to XYZ 50.7533, 54.5586, 64.3558 is called "border". The border property can be set on classes, ids or directly on the HTML element.

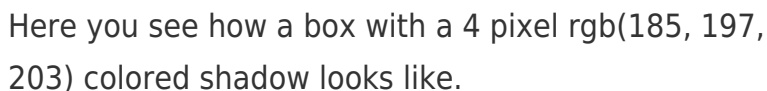
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 197, 203) }
```


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

```
.border{ border-color:rgb(185, 197, 203) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 197, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 197, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 197, 203); box-shadow:4px 4px 4px 4px rgb(185, 197, 203) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7533, 54.5586, 64.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 197, 203) }
```

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

```
.background{ background-color: rgb(185,  
197, 203) }
```

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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