

Converting Colors

XYZ(50.5738, 54.5219, 65.8194)

Have a look what the booklet for
XYZ(50.5738, 54.5219, 65.8194)
contains.

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Color

**XYZ(50.5141, 54.4076,
65.5969)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C5CD
RGB	183, 197, 205
RGB Percent	72%, 77%, 80%
CMY	0.2823, 0.2274, 0.1961
CMYK	0.11, 0.04, 0.00, 0.20
HSL	202°, 18%, 76%
HSV	202°, 11%, 80%
XYZ	50.5141, 54.4076, 65.5969
YIQ	193.7260, -10.9120, -0.4800

Conversions

Conversions Part 2

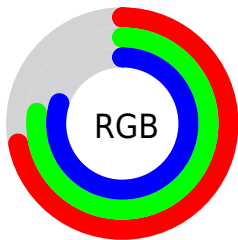
Format	Color
R_{YB}	183, 192, 205
Decimal	12043725
CIE Lab	78.70, -3.18, -5.64
CIE LCh	79, 6.476, 240.605
Yxy	54.4076, 0.2962, 0.3191
Android (android.graphics.Color)	4290233805 (0xFFB7C5CD)
YUV	193.7260, 5.5581, -9.4067
Hunter-Lab	73.7615, -6.8405, -1.0942

Details

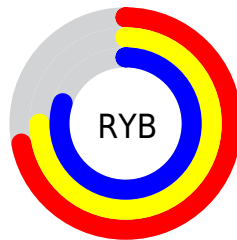
The XYZ color **50.5141, 54.4076, 65.5969** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3550, 53.6591, 52.3984**, and the grayscale version is **51.0904, 53.7510, 58.5349**.

A 20% lighter version of the original color is **89.0884, 96.4543, 108.5298**, and **24.6143, 26.6251, 33.1200** is the 20% darker color. If you saturate the color by 10%, you get **44.3387, 48.7754, 64.8361**, and if you desaturate by 10%, it is **57.4865, 60.5778, 66.4212**.

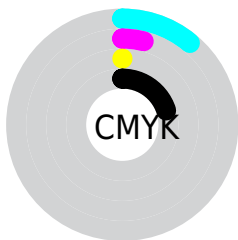
Distribution



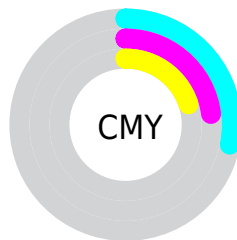
- Red (72%)
- Green (77%)
- Blue (80%)



- Red (72%)
- Yellow (75%)
- Blue (80%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (28%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.5141, 54.4076, 65.5969 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 50.5141, 54.4076, 65.5969 by changing the saturation by 10% instead.

■ 50.5141, 54.4076,
65.5969

■ 50.5141, 54.4076,
65.5969

379.0918,
403.6624, 463.2987

■ 36.0415, 38.9276,
47.4908

■ 90.1234, 96.6725,
114.5291

■ 24.6365, 26.7034,
33.0667

115.9908,
124.2261, 146.1922

■ 15.9337, 17.3506,
21.9060

146.3873,
156.5732, 183.2115

■ 9.5678, 10.4848,
13.5902

181.6780,
194.0979, 226.0055

■ 5.1734, 5.7216,
7.7007

222.2285,
237.1848, 274.9926

■ 2.3852, 2.6765,
3.8190

268.4041,

■ 0.8377, 0.9653,

286.2183, 330.5915

1.5266

320.5701,
341.5827, 393.2207

■ 0.0000, 0.0000,
0.2376

■ 0.0000, 0.0000,
0.0000

■ 50.5141, 54.4076,
65.5969

■ 50.5141, 54.4076,
65.5969

■ 44.3387, 48.7754,
64.8361

■ 57.4865, 60.5778,
66.4212

■ 38.9239, 43.6562,
64.1334

■ 65.2810, 67.2963,
67.3072

■ 34.2371, 39.0329,
63.4880

■ 73.9276, 74.5816,
68.2577

■ 30.2416, 34.8847,
62.8979

■ 79.6770, 80.5027,
69.0976

■ 26.8972, 31.1890,
62.3609

■ 81.7572, 84.6631,
69.7910

■ 24.1593, 27.9209,
61.8743

■ 83.9267, 89.0021,
70.5141

■ 21.9769, 25.0520,
61.4356

■ 86.1865, 93.5217,
71.2674

■ 20.2896, 22.5492,
61.0415

■ 88.0196, 97.1878,
71.8784

■ 19.0669, 20.5025,
60.7109

Harmonies

Analogous

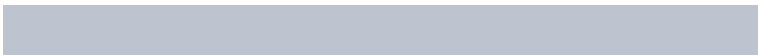
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



49.6231, 54.4076, 62.9024



50.5141, 54.4076, 65.5969



51.7388, 54.4076, 66.5726

Triad

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



50.5141, 54.4076, 65.5969



54.2132, 54.4076, 59.1662



50.4698, 54.4076, 53.3783

Complementary

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



50.5141, 54.4076, 65.5969



52.3550, 53.6591, 52.3984

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.



51.6868, 54.4076, 52.4678



50.5141, 54.4076, 65.5969



53.8603, 54.4076, 55.7238

Square

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



50.5141, 54.4076, 65.5969



53.8870, 54.4076, 62.7683



52.9303, 54.4076, 53.3088



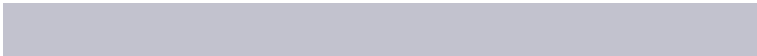
49.5978, 54.4076, 55.8477

Rectangle

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



50.5141, 54.4076, 65.5969



52.5839, 54.4076, 66.0867



52.9303, 54.4076, 53.3088



50.8514, 54.4076, 52.8844

Sweetspot

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



50.5157, 54.4099, 65.5981



91.4106, 96.8165, 108.4773



50.7316, 57.4792, 57.5389



19.3619, 20.5436, 23.1948



0.0000, 0.0000, 0.0000



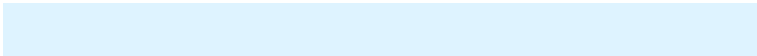
20.3446, 21.4041, 23.3091

Same Dimension

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



50.5157, 54.4099, 65.5981



80.1640, 86.7974, 107.1362



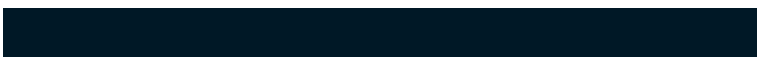
48.1709, 49.7203, 64.8165



11.1870, 12.0145, 14.2998



11.9628, 12.9496, 37.8253



0.6877, 0.8092, 1.9749

Inverse Universe

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



52.1896, 50.8783, 59.8959



83.4916, 79.8910, 95.7747



54.7751, 58.4993, 53.2051



11.5078, 11.3318, 13.2085



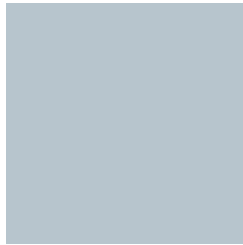
18.2492, 9.1103, 14.2967



0.9771, 0.4842, 0.9251

Previews

White Background



This preview shows how the XYZ color 50.5141, 54.4076, 65.5969 looks on a white background.

Color Contrast Check

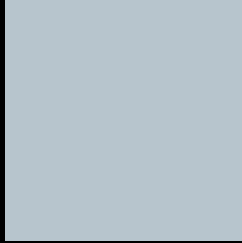
Large Text (above 18pt) WCAG AA × Fail

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 50.5141, 54.4076, 65.5969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

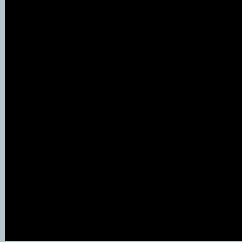
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

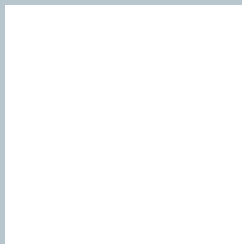
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.5141, 54.4076, 65.5969

Background



This preview shows how black text looks on a background with the XYZ color 50.5141, 54.4076, 65.5969.



This preview shows how white text looks on a background with the XYZ color 50.5141, 54.4076,

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

50.5141, 54.4076, 65.5969

Protanopia

52.6144, 54.1875, 64.1861

Deuteranopia

55.4725, 54.3101, 66.5907



Tritanopia

51.3908, 54.4237, 70.0836

Trichromacy



Original Color

50.5141, 54.4076, 65.5969

Protanomaly

51.6767, 54.0196, 64.8299

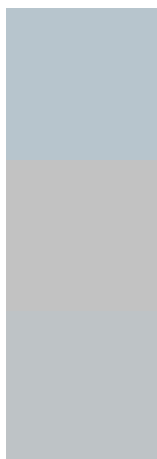
Deuteranomaly

53.5434, 54.2976, 66.0510

Tritanomaly

51.0157, 54.2737, 68.1086

Monochromacy



Original Color

50.5141, 54.4076, 65.5969

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.9434, 54.0546, 61.1747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5141, 54.4076, 65.5969 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(183, 197, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 197, 205) }
```

Border

The CSS property to change the border of an element to XYZ 50.5141, 54.4076, 65.5969 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, 205) }
```


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

```
.border{ border-color:rgb(183, 197, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 197, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 197, 205);  
box-shadow:4px 4px 4px 4px rgb(183, 197,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5141, 54.4076, 65.5969 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, 205) }
```

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

```
.background{ background-color: rgb(183,  
197, 205) }
```

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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