

Converting Colors

XYZ(50.7467, 54.7197, 63.4236)

Have a look what the booklet for
XYZ(50.7467, 54.7197, 63.4236)
contains.

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Color

**XYZ(50.5165, 54.4638,
63.1084)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C5C9
RGB	185, 197, 201
RGB Percent	73%, 77%, 79%
CMY	0.2745, 0.2274, 0.2118
CMYK	0.08, 0.02, 0.00, 0.21
HSL	195°, 13%, 76%
HSV	195°, 8%, 79%
XYZ	50.5165, 54.4638, 63.1084
YIQ	193.8680, -8.4360, -1.3000

Conversions

Conversions Part 2

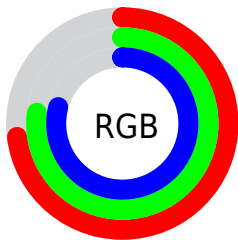
Format	Color
RYB	185, 192, 201
Decimal	12174793
CIELab	78.73, -3.31, -3.42
CIELCh	79, 4.763, 225.934
Yxy	54.4638, 0.3005, 0.3240
Android (android.graphics.Color)	4290364873 (0xFFB9C5C9)
YUV	193.8680, 3.5161, -7.7772
Hunter-Lab	73.7996, -6.9644, 0.9589

Details

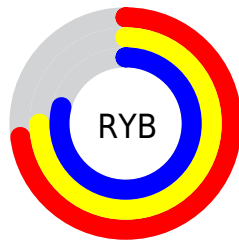
The XYZ color **50.5165, 54.4638, 63.1084** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.0423, 52.3154, 53.3077**, and the grayscale version is **51.1849, 53.8505, 58.6431**.

A 20% lighter version of the original color is **89.7674, 96.8044, 108.5616**, and **24.6046, 26.6570, 31.4523** is the 20% darker color. If you saturate the color by 10%, you get **44.8853, 49.8976, 62.5247**, and if you desaturate by 10%, it is **56.8744, 59.4640, 63.7393**.

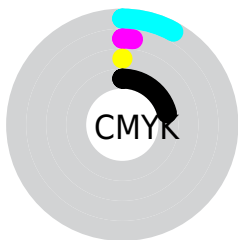
Distribution



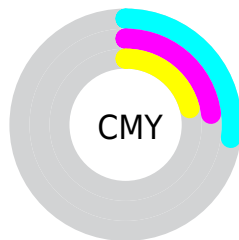
- Red (73%)
- Green (77%)
- Blue (79%)



- Red (73%)
- Yellow (75%)
- Blue (79%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (21%)



- Cyan (27%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.5165, 54.4638, 63.1084 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 50.5165, 54.4638, 63.1084 by changing the saturation by 10% instead.

■ 50.5165, 54.4638,
63.1084

■ 50.5165, 54.4638,
63.1084

379.1010,
403.8762, 454.0816

■ 36.0434, 38.9726,
45.4873

■ 90.1269, 96.7549,
110.9130

■ 24.6380, 26.7384,
31.4957

115.9950,
124.3236, 141.9336

■ 15.9349, 17.3769,
20.7150

146.3921,
156.6868, 178.2578

■ 9.5686, 10.5035,
12.7266

181.6837,
194.2291, 220.3041

■ 5.1740, 5.7341,
7.1121

222.2350,
237.3348, 268.4911

■ 2.3855, 2.6841,
3.4528

268.4114,

■ 0.8379, 0.9691,

286.3883, 323.2373

1.3302

320.5783,
341.7739, 384.9613

■ 0.0000, 0.0000,
0.0864

■ 0.0000, 0.0000,
0.0000

■ 50.5165, 54.4638,
63.1084

■ 50.5165, 54.4638,
63.1084

■ 44.8853, 49.8976,
62.5247

■ 56.8744, 59.4640,
63.7393

■ 39.9470, 45.7430,
61.9830

■ 63.9815, 64.9058,
64.4151

■ 35.6723, 41.9858,
61.4831

■ 71.8653, 70.8055,
65.1383

■ 32.0277, 38.6082,
61.0233

■ 76.6190, 75.1495,
65.7262

■ 28.9768, 35.5908,
60.6017

■ 77.9338, 77.7793,
66.1645

■ 26.4791, 32.9122,
60.2163

■ 79.2885, 80.4885,
66.6161

■ 24.4890, 30.5483,
59.8649

■ 80.6831, 83.2778,
67.0809

■ 22.9528, 28.4708,
59.5449

■ 82.1182, 86.1480,
67.5593

■ 21.7915, 26.6385,
59.2524

■ 83.5940, 89.0996,
68.0512

Harmonies

Analogous

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



50.0437, 54.4638, 60.7376



50.5165, 54.4638, 63.1084



51.3272, 54.4638, 64.4781

Triad

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



50.5165, 54.4638, 63.1084



53.5434, 54.4638, 60.5717



51.2705, 54.4638, 54.4516

Complementary

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



50.5165, 54.4638, 63.1084



51.0423, 52.3154, 53.3077

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.



52.2077, 54.4638, 54.4102



50.5165, 54.4638, 63.1084



53.5278, 54.4638, 57.8889

Square

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



50.5165, 54.4638, 63.1084



53.0788, 54.4638, 62.9838



53.0364, 54.4638, 55.6515



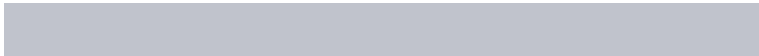
50.4754, 54.4638, 55.7662

Rectangle

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



50.5165, 54.4638, 63.1084



51.9537, 54.4638, 64.6133



53.0364, 54.4638, 55.6515



51.5791, 54.4638, 54.2897

Sweetspot

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



50.5181, 54.4661, 63.1096



92.7934, 98.2353, 108.6783



50.0516, 55.7511, 56.1166



19.8853, 21.0450, 23.2640



0.0000, 0.0000, 0.0000



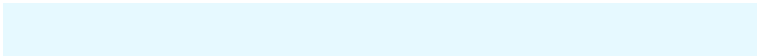
20.3446, 21.4041, 23.3091

Same Dimension

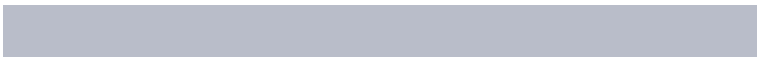
The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.5181, 54.4661, 63.1096



84.2841, 91.4829, 107.8235



48.8063, 51.0425, 62.5390



10.7137, 11.6014, 13.5921



13.6410, 16.6760, 37.2442



0.7008, 0.8994, 1.7818

Inverse Universe

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



51.5157, 51.1479, 59.9833



86.4390, 84.3922, 101.0533



52.7510, 55.7328, 53.8773



10.9655, 10.7696, 12.8016



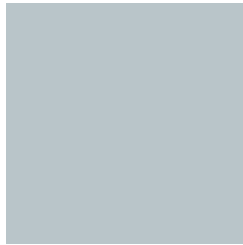
18.6847, 9.2234, 19.3472



0.9124, 0.4478, 1.0620

Previews

White Background



This preview shows how the XYZ color 50.5165, 54.4638, 63.1084 looks on a white background.

Color Contrast Check

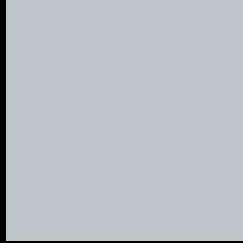
Large Text (above 18pt) WCAG AA × Fail

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 50.5165, 54.4638, 63.1084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

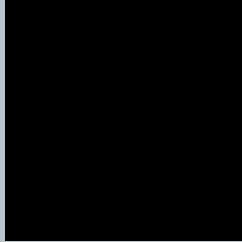
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

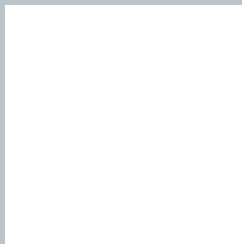
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.5165, 54.4638, 63.1084

Background



This preview shows how black text looks on a background with the XYZ color 50.5165, 54.4638, 63.1084.



This preview shows how white text looks on a background with the XYZ color 50.5165, 54.4638,

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

50.5165, 54.4638, 63.1084

Protanopia

52.6265, 54.5774, 61.7936

Deuteranopia

55.5554, 54.4086, 64.0737



Tritanopia

51.7665, 54.2982, 69.3802

Trichromacy



Original Color

50.5165, 54.4638, 63.1084

Protanomaly

51.9328, 54.5378, 62.4333

Deuteranomaly

53.5977, 54.3810, 63.5488

Tritanomaly

51.2521, 54.4240, 66.8351

Monochromacy



Original Color

50.5165, 54.4638, 63.1084

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 50.5165, 54.4638, 63.1084 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(185, 197, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 197, 201) }
```

Border

The CSS property to change the border of an element to XYZ 50.5165, 54.4638, 63.1084 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, 201) }
```


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

```
.border{ border-color:rgb(185, 197, 201) }
```

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, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 197, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 197, 201);  
box-shadow:4px 4px 4px 4px rgb(185, 197,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5165, 54.4638, 63.1084 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, 201) }
```

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

```
.background{ background-color: rgb(185,  
197, 201) }
```

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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