

Converting Colors

XYZ(50.2070, 53.7969, 65.2475)

Have a look what the booklet for
XYZ(50.2070, 53.7969, 65.2475)
contains.

XYZ(50.2878, 53.9549, 65.5215)	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(50.2878, 53.9549,
65.5215)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C4CD
RGB	183, 196, 205
RGB Percent	72%, 77%, 80%
CMY	0.2823, 0.2314, 0.1961
CMYK	0.11, 0.04, 0.00, 0.20
HSL	205°, 18%, 76%
HSV	205°, 11%, 80%
XYZ	50.2878, 53.9549, 65.5215
YIQ	193.1390, -10.6370, 0.0430

Conversions

Conversions Part 2

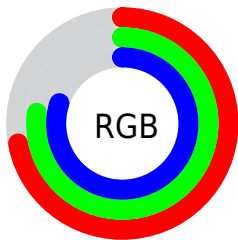
Format	Color
RYB	183, 191, 205
Decimal	12043469
CIELab	78.44, -2.65, -6.03
CIELCh	78, 6.588, 246.290
Yxy	53.9549, 0.2962, 0.3178
Android (android.graphics.Color)	4290233549 (0xFFB7C4CD)
YUV	193.1390, 5.8475, -8.8919
Hunter-Lab	73.4540, -6.3405, -1.4693

Details

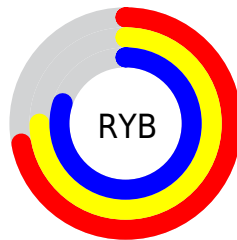
The XYZ color **50.2878, 53.9549, 65.5215** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.5740, 54.0970, 52.4715**, and the grayscale version is **50.7427, 53.3853, 58.1366**.

A 20% lighter version of the original color is **88.7719, 95.8213, 108.4243**, and **24.4648, 26.3262, 33.0702** is the 20% darker color. If you saturate the color by 10%, you get **43.9243, 47.9464, 64.6980**, and if you desaturate by 10%, it is **57.4704, 60.5454, 66.4159**.

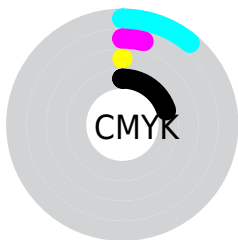
Distribution



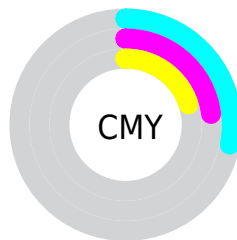
- Red (72%)
- Green (77%)
- Blue (80%)



- 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 50.2878, 53.9549, 65.5215 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 50.2878, 53.9549, 65.5215 by changing the saturation by 10% instead.

■ 50.2878, 53.9549,
65.5215

■ 50.2878, 53.9549,
65.5215

378.2238,
401.9380, 463.0211

■ 35.8609, 38.5656,
47.4300

■ 89.7904, 96.0080,
114.4197

■ 24.4964, 26.4220,
33.0190

115.5968,
123.4406, 146.0636

■ 15.8290, 17.1396,
21.8697

145.9271,
155.6565, 183.0620

■ 9.4933, 10.3341,
13.5638

181.1465,
193.0400, 225.8335

■ 5.1240, 5.6210,
7.6827

221.6206,
235.9755, 274.7966

■ 2.3557, 2.6160,
3.8077

267.7146,

■ 0.8229, 0.9347,

284.8474, 330.3698

1.5205

319.7939,
340.0401, 392.9718

■ 0.0000, 0.0000,
0.2331

■ 0.0000, 0.0000,
0.0000

■ 50.2878, 53.9549,
65.5215

■ 50.2878, 53.9549,
65.5215

■ 43.9243, 47.9464,
64.6980

■ 57.4704, 60.5454,
66.4159

■ 38.3428, 42.4940,
63.9397

■ 65.4976, 67.7293,
67.3794

■ 33.5104, 37.5795,
63.2458

■ 74.3999, 75.5260,
68.4151

■ 29.3897, 33.1809,
62.6140

■ 80.4284, 82.0054,
69.3481

■ 25.9401, 29.2747,
62.0418

■ 82.8118, 86.7722,
70.1425

■ 23.1161, 25.8345,
61.5267

■ 85.3088, 91.7662,
70.9749

■ 20.8663, 22.8309,
61.0655

■ 87.9210, 96.9906,
71.8456

■ 19.1298, 20.2295,
60.6549

■ 88.0196, 97.1878,
71.8785

■ 17.8769, 18.1224,
60.3142

Harmonies

Analogous

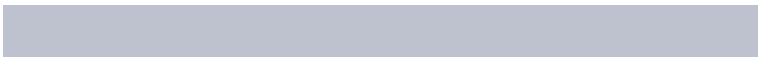
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



49.3016, 53.9549, 63.0701



50.2878, 53.9549, 65.5215



51.5558, 53.9549, 66.1245

Triad

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



50.2878, 53.9549, 65.5215



53.7974, 53.9549, 57.9700



49.8229, 53.9549, 53.1854

Complementary

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



50.2878, 53.9549, 65.5215



52.5740, 54.0970, 52.4715

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.



51.0102, 53.9549, 51.9410



50.2878, 53.9549, 65.5215



53.3157, 53.9549, 54.6275

Square

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



50.2878, 53.9549, 65.5215



53.5962, 53.9549, 61.6620



52.2903, 53.9549, 52.4577



49.0364, 53.9549, 55.9267

Rectangle

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



50.2878, 53.9549, 65.5215



52.3932, 53.9549, 65.3757



52.2903, 53.9549, 52.4577



50.1876, 53.9549, 52.5835

Sweetspot

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



50.2894, 53.9572, 65.5227



91.3014, 96.5979, 108.4409



50.8529, 57.5278, 58.1777



19.3324, 20.4846, 23.1849



0.0000, 0.0000, 0.0000



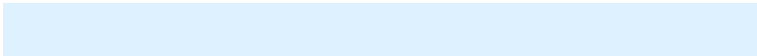
20.3446, 21.4041, 23.3091

Same Dimension

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



50.2894, 53.9572, 65.5227



79.7149, 85.8991, 106.9865



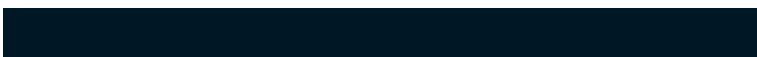
47.9396, 49.2577, 64.7395



11.1436, 11.9277, 14.2853



11.2244, 11.4728, 37.5791



0.6526, 0.7389, 1.9632

Inverse Universe

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



52.0754, 50.8327, 59.2942



83.2649, 79.8003, 94.5809



55.0337, 59.0164, 53.2914



11.4859, 11.3231, 13.0931



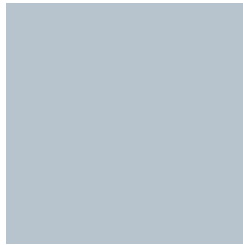
17.8765, 8.9612, 12.3340



0.9593, 0.4771, 0.8317

Previews

White Background



This preview shows how the XYZ color 50.2878, 53.9549, 65.5215 looks on a white background.

Color Contrast Check

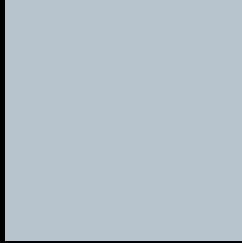
Large Text (above 18pt) WCAG AA × Fail

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 50.2878, 53.9549, 65.5215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

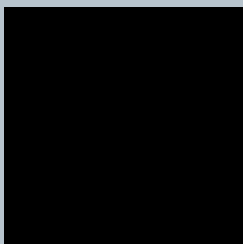
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

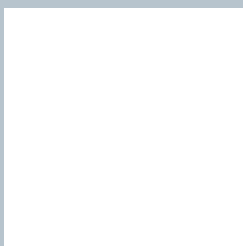
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.2878, 53.9549, 65.5215

Background



This preview shows how black text looks on a background with the XYZ color 50.2878, 53.9549, 65.5215.



This preview shows how white text looks on a background with the XYZ color 50.2878, 53.9549,

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

50.2878, 53.9549, 65.5215

Protanopia

52.3551, 54.0538, 64.1739

Deuteranopia

54.9778, 53.7368, 66.5061



Tritanopia

51.0401, 53.9237, 69.3462

Trichromacy



Original Color

50.2878, 53.9549, 65.5215

Protanomaly

51.6767, 54.0196, 64.8299

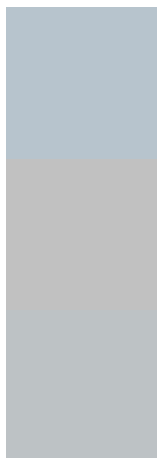
Deuteranomaly

53.0601, 53.7236, 65.9656

Tritanomaly

50.7909, 53.8240, 68.0337

Monochromacy



Original Color

50.2878, 53.9549, 65.5215

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.3561, 53.4336, 60.4830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2878, 53.9549, 65.5215 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, 196, 205)` looks like.

```
.text, #text, p{  
    color:rgb(183, 196, 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, 196, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 196, 205) }
```

Border

The CSS property to change the border of an element to XYZ 50.2878, 53.9549, 65.5215 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, 196, 205) }
```


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

```
.border{ border-color:rgb(183, 196, 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, 196, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 196, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 196, 205);  
box-shadow:4px 4px 4px 4px rgb(183, 196,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2878, 53.9549, 65.5215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 196, 205) }
```

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

```
.background{ background-color: rgb(183,  
196, 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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