

Converting Colors

XYZ(50.7329, 56.9489, 65.4451)

Have a look what the booklet for
XYZ(50.7329, 56.9489, 65.4451)
contains.

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Color

**XYZ(50.6234, 56.8925,
65.4399)**

Conversions

Conversions Part 1

Format	Color
Hex	B1CCCC
RGB	177, 204, 204
RGB Percent	69%, 80%, 80%
CMY	0.3059, 0.2000, 0.2000
CMYK	0.13, 0.00, 0.00, 0.20
HSL	180°, 21%, 75%
HSV	180°, 13%, 80%
XYZ	50.6234, 56.8925, 65.4399
YIQ	195.9270, -16.0920, -5.7240

Conversions

Conversions Part 2

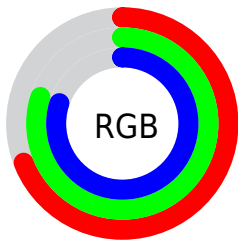
Format	Color
R _{YB}	177, 191, 204
Decimal	11652300
CIE Lab	80.12, -9.01, -3.06
CIE LCh	80, 9.514, 198.754
Yxy	56.8925, 0.2927, 0.3289
Android (android.graphics.Color)	4289842380 (0xFFB1CCCC)
YUV	195.9270, 3.9800, -16.5990
Hunter-Lab	75.4271, -12.1960, 1.3595

Details

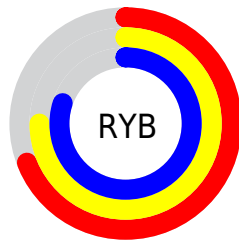
The XYZ color **50.6234, 56.8925, 65.4399** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.5619, 47.4575, 48.1983**, and the grayscale version is **52.4107, 55.1402, 60.0476**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **24.7235, 28.2998, 33.0135** is the 20% darker color. If you saturate the color by 10%, you get **46.3199, 54.6755, 65.2382**, and if you desaturate by 10%, it is **55.6249, 59.4724, 65.6766**.

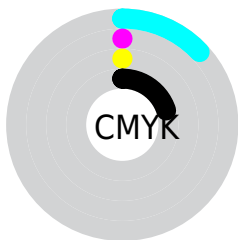
Distribution



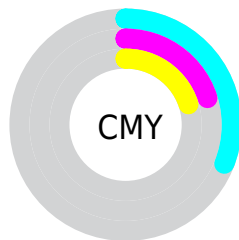
- Red (69%)
- Green (80%)
- Blue (80%)



- Red (69%)
- Yellow (75%)
- Blue (80%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (31%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.6234, 56.8925, 65.4399 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 50.6234, 56.8925, 65.4399 by changing the saturation by 10% instead.

■ 50.6234, 56.8925,
65.4399

■ 50.6234, 56.8925,
65.4399

379.5106,
413.0464, 462.7205

■ 36.1288, 40.9189,
47.3643

■ 90.2842, 100.3083,
114.3014

■ 24.7043, 28.2557,
32.9673

116.1810,
128.5194, 145.9243

■ 15.9844, 18.5185,
21.8305

146.6094,
161.5783, 182.9001

■ 9.6039, 11.3229,
13.5353

181.9346,
199.8697, 225.6472

■ 5.1974, 6.2845,
7.6631

222.5219,
243.7778, 274.5843

■ 2.3995, 3.0188,
3.7955

268.7368,

■ 0.8448, 1.1416,

293.6870, 330.1299

1.5138

320.9446,
349.9817, 392.7024

■ 0.0000, 0.0132,
0.2282

■ 0.0000, 0.0000,
0.0000

■ 50.6234, 56.8925,
65.4399

■ 50.6234, 56.8925,
65.4399

■ 46.3199, 54.6755,
65.2382

■ 55.6249, 59.4724,
65.6766

■ 42.6786, 52.7984,
65.0663

■ 61.3482, 62.4228,
65.9459

■ 39.6683, 51.2466,
64.9240

■ 67.8222, 65.7602,
66.2504

■ 37.2530, 50.0015,
64.8095

■ 73.7343, 68.8080,
66.5286

■ 35.3934, 49.0428,
64.7210

■ 73.7346, 68.8081,
66.5300

■ 34.0452, 48.3478,
64.6564

■ 73.7349, 68.8082,
66.5315

■ 33.1575, 47.8902,
64.6134

■ 73.7351, 68.8083,
66.5330

■ 32.6689, 47.6384,
64.5891

■ 73.7354, 68.8084,
66.5345

■ 32.4907, 47.5466,
64.5797

■ 73.7357, 68.8086,
66.5360

Harmonies

Analogous

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



50.5027, 56.8925, 59.8888



50.6234, 56.8925, 65.4399



51.6556, 56.8925, 70.3189

Triad

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



50.6234, 56.8925, 65.4399



56.9241, 56.8925, 69.2495



54.8044, 56.8925, 52.0607

Complementary

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



50.6234, 56.8925, 65.4399



48.5619, 47.4575, 48.1983

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.



56.5679, 56.8925, 54.2661



50.6234, 56.8925, 65.4399



57.8111, 56.8925, 64.0503

Square

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



50.6234, 56.8925, 65.4399



55.2811, 56.8925, 72.6074



57.6792, 56.8925, 58.5792



52.8858, 56.8925, 52.3834

Rectangle

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



50.6234, 56.8925, 65.4399



52.7359, 56.8925, 72.4311



57.6792, 56.8925, 58.5792



55.4358, 56.8925, 52.5254

Sweetspot

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



50.6250, 56.8949, 65.4412



91.3963, 98.1164, 108.7280



47.7645, 55.7625, 49.8417



19.4202, 20.9276, 23.2656



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.



50.6250, 56.8949, 65.4412



81.5992, 93.0660, 108.2666



47.6521, 50.9483, 64.4520



11.5433, 12.7271, 14.4182



20.4491, 29.9249, 40.6454



1.0550, 1.5438, 2.0969

Inverse Universe

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



48.5619, 47.4575, 48.1983



77.5010, 74.3199, 74.0159



51.2640, 52.8623, 49.0974



11.2124, 11.2137, 11.6532



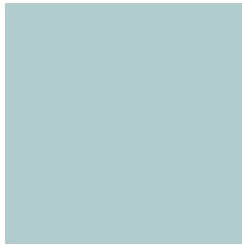
15.6736, 8.0800, 0.7341



0.8086, 0.4168, 0.0380

Previews

White Background



This preview shows how the XYZ color 50.6234, 56.8925, 65.4399 looks on a white background.

Color Contrast Check

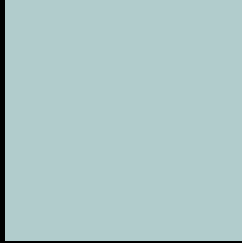
Large Text (above 18pt) WCAG AA × Fail

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 50.6234, 56.8925, 65.4399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

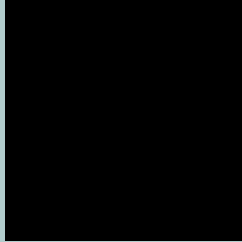
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

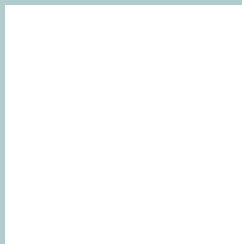
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.6234, 56.8925, 65.4399

Background



This preview shows how black text looks on a background with the XYZ color 50.6234, 56.8925, 65.4399.

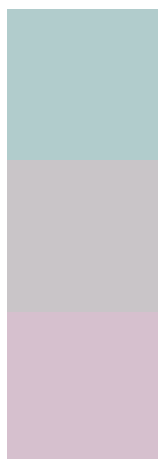


This preview shows how white text looks on a background with the XYZ color 50.6234, 56.8925,

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

50.6234, 56.8925, 65.4399

Protanopia

54.4790, 56.5201, 62.6817

Deuteranopia

57.7218, 56.4516, 66.2465



Tritanopia

52.5978, 57.0063, 74.5608

Trichromacy



Original Color

50.6234, 56.8925, 65.4399

Protanomaly

52.9351, 56.7321, 63.4187

Deuteranomaly

54.8468, 56.3051, 65.7349

Tritanomaly

51.9566, 57.0997, 71.2337

Monochromacy



Original Color

50.6234, 56.8925, 65.4399

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.7185, 55.7892, 62.0754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6234, 56.8925, 65.4399 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(177, 204, 204)` looks like.

```
.text, #text, p{  
    color:rgb(177, 204, 204)  
}
```

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(177, 204, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 204, 204) }
```

Border

The CSS property to change the border of an element to XYZ 50.6234, 56.8925, 65.4399 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(177, 204, 204) }
```


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

```
.border{ border-color:rgb(177, 204, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 204, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 204, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 204, 204);  
box-shadow:4px 4px 4px 4px rgb(177, 204,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6234, 56.8925, 65.4399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 204, 204) }
```

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

```
.background{ background-color: rgb(177,  
204, 204) }
```

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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