

Converting Colors

XYZ(50.0525, 58.1659, 56.0268)

Have a look what the booklet for
XYZ(50.0525, 58.1659, 56.0268)
contains.

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Color

**XYZ(50.2234, 58.3263,
56.1880)**

Conversions

Conversions Part 1

Format	Color
Hex	B3D0BC
RGB	179, 208, 188
RGB Percent	70%, 82%, 74%
CMY	0.2980, 0.1843, 0.2627
CMYK	0.14, 0.00, 0.10, 0.18
HSL	139°, 24%, 76%
HSV	139°, 14%, 82%
XYZ	50.2234, 58.3263, 56.1880
YIQ	197.0490, -10.8640, -12.3680

Conversions

Conversions Part 2

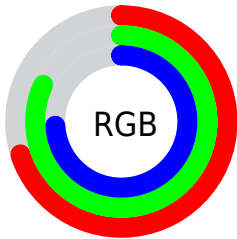
Format	Color
R _{YB}	179, 201, 208
Decimal	11784380
CIE Lab	80.92, -13.53, 6.68
CIE LCh	81, 15.091, 153.713
Yxy	58.3263, 0.3049, 0.3541
Android (android.graphics.Color)	4289974460 (0xFFB3D0BC)
YUV	197.0490, -4.4612, -15.8290
Hunter-Lab	76.3717, -16.2655, 9.8394

Details

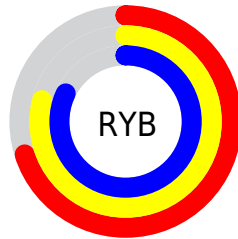
The XYZ color **50.2234, 58.3263, 56.1880** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.4434, 49.7751, 60.8790**, and the grayscale version is **53.1326, 55.8997, 60.8747**.

A 20% lighter version of the original color is **86.3501, 95.7138, 99.5114**, and **24.5330, 29.2961, 27.2834** is the 20% darker color. If you saturate the color by 10%, you get **44.3036, 55.4461, 48.2358**, and if you desaturate by 10%, it is **57.0254, 61.6468, 64.9865**.

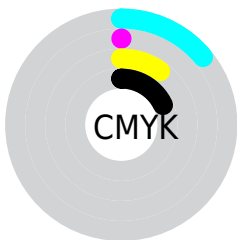
Distribution



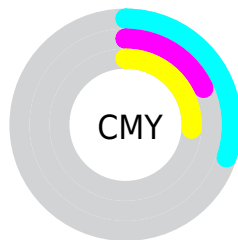
- Red (70%)
- Green (82%)
- Blue (74%)



- Red (70%)
- Yellow (79%)
- Blue (82%)



- Cyan (14%)
- Magenta (0%)
- Yellow (10%)
- Black (18%)



- Cyan (30%)
- Magenta (18%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2234, 58.3263, 56.1880 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 50.2234, 58.3263, 56.1880 by changing the saturation by 10% instead.

■ 50.2234, 58.3263,
56.1880

■ 50.2234, 58.3263,
56.1880

377.9765,
418.4007, 427.8078

■ 35.8095, 42.0710,
39.9487

■ 89.6956, 102.3979,
100.7679

■ 24.4565, 29.1569,
27.1850

115.4846,
130.9830, 129.9456

■ 15.7992, 19.1996,
17.4786

145.7960,
164.4468, 164.2732

■ 9.4721, 11.8146,
10.4107

180.9952,
203.1737, 204.1691

■ 5.1099, 6.6175,
5.5630

221.4475,
247.5482, 250.0520

■ 2.3473, 3.2241,
2.5168

267.5182,

■ 0.8187, 1.2498,

297.9546, 302.3404

0.8490

319.5728,
354.7773, 361.4528

■ 0.0000, 0.1018,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.2234, 58.3263,
56.1880

■ 50.2234, 58.3263,
56.1880

■ 44.3036, 55.4461,
48.2358

■ 57.0254, 61.6468,
64.9865

■ 39.2243, 52.9802,
41.1010

■ 64.7394, 65.4176,
74.6513

■ 34.9476, 50.9115,
34.7586

■ 73.3996, 69.6574,
85.2068

■ 31.4307, 49.2183,
29.1809

■ 80.3372, 72.9901,
96.5487

■ 28.6269, 47.8771,
24.3387

■ 81.8470, 73.5940,
104.4990

■ 26.4837, 46.8616,
20.2008

■ 24.9412, 46.1416,
16.7335

■ 23.9275, 45.6807,
13.9005

■ 23.4980, 45.4904,
12.4745

Harmonies

Analogous

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



52.1693, 58.3263, 50.2431



50.2234, 58.3263, 56.1880



49.6556, 58.3263, 64.6281

Triad

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



50.2234, 58.3263, 56.1880



55.8273, 58.3263, 82.2713



60.5866, 58.3263, 54.4282

Complementary

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



50.2234, 58.3263, 56.1880



52.4434, 49.7751, 60.8790

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.



61.6514, 58.3263, 62.3998



50.2234, 58.3263, 56.1880



58.8392, 58.3263, 78.9222

Square

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



50.2234, 58.3263, 56.1880



52.8190, 58.3263, 80.2170



61.0003, 58.3263, 71.4364



58.1409, 58.3263, 49.2961

Rectangle

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



50.2234, 58.3263, 56.1880



50.1167, 58.3263, 70.6812



61.0003, 58.3263, 71.4364



61.1220, 58.3263, 56.8362

Sweetspot

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



50.2250, 58.3288, 56.1893



90.2843, 97.6717, 102.8727



54.3277, 60.5524, 51.4730



19.1384, 20.8149, 21.7818



0.0000, 0.0000, 0.0000



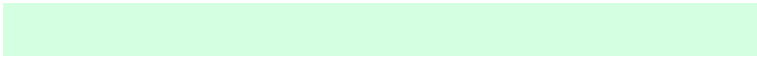
20.3446, 21.4041, 23.3091

Same Dimension

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



50.2250, 58.3288, 56.1893



76.4151, 90.9069, 84.8265



51.8326, 58.9718, 64.6546



11.8052, 13.2658, 13.3308



14.6830, 28.3661, 7.9769



0.8565, 1.6003, 0.6331

Inverse Universe

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



52.4434, 49.7751, 60.8790



80.6552, 74.5558, 93.7885



50.8702, 49.1458, 52.5944



12.1481, 11.9440, 14.0557



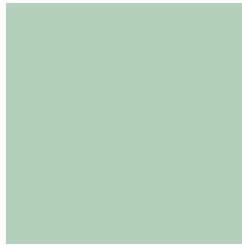
19.3691, 9.6205, 17.3817



1.1178, 0.5518, 1.1550

Previews

White Background



This preview shows how the XYZ color 50.2234, 58.3263, 56.1880 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 50.2234, 58.3263, 56.1880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

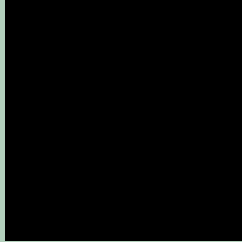
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.2234, 58.3263, 56.1880

Background



This preview shows how black text looks on a background with the XYZ color 50.2234, 58.3263, 56.1880.



This preview shows how white text looks on a background with the XYZ color 50.2234, 58.3263,

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

50.2234, 58.3263, 56.1880

Protanopia

55.3184, 58.1791, 53.6615

Deuteranopia

59.1272, 58.0331, 57.3754



Tritanopia

54.0414, 58.0695, 76.0704

Trichromacy



Original Color

50.2234, 58.3263, 56.1880

Protanomaly

53.1389, 58.0850, 54.3097

Deuteranomaly

55.4498, 57.8300, 56.9550

Tritanomaly

52.5079, 58.1618, 68.1334

Monochromacy



Original Color

50.2234, 58.3263, 56.1880

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

51.8595, 56.6155, 59.2335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2234, 58.3263, 56.1880 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(179, 208, 188)` looks like.

```
.text, #text, p{  
    color:rgb(179, 208, 188)  
}
```

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(179, 208, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 208, 188) }
```

Border

The CSS property to change the border of an element to XYZ 50.2234, 58.3263, 56.1880 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(179, 208, 188) }
```


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

```
.border{ border-color:rgb(179, 208, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 208, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 208, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 208, 188);  
box-shadow:4px 4px 4px 4px rgb(179, 208,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2234, 58.3263, 56.1880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 208, 188) }
```

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

```
.background{ background-color: rgb(179,  
208, 188) }
```

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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