

Converting Colors

XYZ(50.3729, 60.7127, 57.6246)

Have a look what the booklet for
XYZ(50.3729, 60.7127, 57.6246)
contains.

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Color

**XYZ(50.3541, 60.5815,
57.7547)**

Conversions

Conversions Part 1

Format	Color
Hex	ACD6BE
RGB	172, 214, 190
RGB Percent	67%, 84%, 75%
CMY	0.3255, 0.1608, 0.2549
CMYK	0.20, 0.00, 0.11, 0.16
HSL	146°, 34%, 76%
HSV	146°, 20%, 84%
XYZ	50.3541, 60.5815, 57.7547
YIQ	198.7060, -17.3280, -16.3680

Conversions

Conversions Part 2

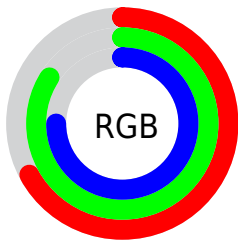
Format	Color
R _{YB}	172, 201, 214
Decimal	11327166
CIE Lab	82.15, -18.50, 7.33
CIE LCh	82, 19.897, 158.375
Yxy	60.5815, 0.2985, 0.3591
Android (android.graphics.Color)	4289517246 (0xFFACD6BE)
YUV	198.7060, -4.2921, -23.4212
Hunter-Lab	77.8341, -20.7307, 10.4893

Details

The XYZ color **50.3541, 60.5815, 57.7547** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.4500, 47.7882, 58.6868**, and the grayscale version is **54.1408, 56.9603, 62.0298**.

A 20% lighter version of the original color is **84.3895, 94.6678, 101.0137**, and **24.5212, 30.5244, 28.2663** is the 20% darker color. If you saturate the color by 10%, you get **44.7493, 57.8418, 50.8058**, and if you desaturate by 10%, it is **56.8307, 63.7610, 65.3325**.

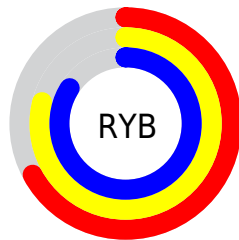
Distribution



Red (67%)

Green (84%)

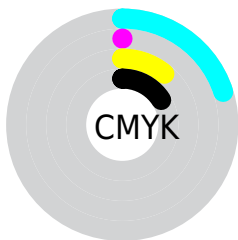
Blue (75%)



Red (67%)

Yellow (79%)

Blue (84%)

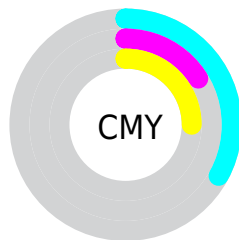


Cyan (20%)

Magenta (0%)

Yellow (11%)

Black (16%)



Cyan (33%)


Magenta (16%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.3541, 60.5815, 57.7547 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 50.3541, 60.5815, 57.7547 by changing the saturation by 10% instead.


 50.3541, 60.5815,
57.7547

 50.3541, 60.5815,
57.7547


378.4782,
426.7379, 433.8440

 35.9138, 43.8875,
41.1981


 89.8880, 105.6727,
103.0768

 24.5374, 30.5821,
28.1530


115.7123,
134.8388, 132.6794

 15.8596, 20.2808,
18.2010


146.0619,
168.9310, 167.4677

 9.5151, 12.5993,
10.9235

181.3023,
208.3337, 207.8602

 5.1384, 7.1532,
5.9019

221.7988,
253.4314, 254.2756

 2.3643, 3.5581,
2.7177

267.9167,

 0.8273, 1.4296,

304.6083, 307.1323

0.9523

320.0214,
362.2490, 366.8489

■ 0.0000, 0.2384,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.3541, 60.5815,
57.7547

■ 50.3541, 60.5815,
57.7547

■ 44.7493, 57.8418,
50.8058

■ 56.8307, 63.7610,
65.3325

■ 39.9726, 55.5147,
44.4656

■ 64.2106, 67.3912,
73.5507

■ 35.9835, 53.5813,
38.7186

■ 72.5296, 71.4920,
82.4255

■ 32.7364, 52.0185,
33.5473

■ 80.8558, 75.5826,
91.9262

■ 30.1804, 50.8003,
28.9331

■ 82.7238, 76.3298,
101.7629

■ 28.2582, 49.8976,
24.8562

■ 83.3377, 76.5754,
104.9959

■ 26.9018, 49.2758,
21.2957

■ 25.9968, 48.8762,
18.2273

■ 25.9668, 48.8631,
18.1219

Harmonies

Analogous

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



52.6833, 60.5815, 49.3525



50.3541, 60.5815, 57.7547



49.9117, 60.5815, 69.4101

Triad

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



50.3541, 60.5815, 57.7547



58.7723, 60.5815, 91.7626



64.1875, 60.5815, 52.5477

Complementary

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



50.3541, 60.5815, 57.7547



52.4500, 47.7882, 58.6868

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.



65.9980, 60.5815, 62.6319



50.3541, 60.5815, 57.7547



62.7730, 60.5815, 85.9359

Square

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



50.3541, 60.5815, 57.7547



54.6386, 60.5815, 90.0419



65.4680, 60.5815, 74.9143



60.6270, 60.5815, 46.6120

Rectangle

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



50.3541, 60.5815, 57.7547



50.7247, 60.5815, 77.6494



65.4680, 60.5815, 74.9143



65.0287, 60.5815, 55.5122

Sweetspot

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



50.3558, 60.5840, 57.7560



88.2674, 96.6624, 101.4010



54.3904, 62.8774, 48.3004



18.7413, 20.6152, 21.5339



0.0000, 0.0000, 0.0000



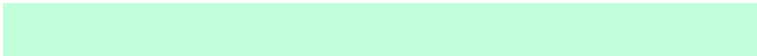
20.3446, 21.4041, 23.3091

Same Dimension

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



50.3558, 60.5840, 57.7560



70.8787, 88.1316, 81.0043



52.7571, 61.5446, 70.4014



12.4811, 13.9834, 14.3480



15.7444, 29.5531, 11.2156



0.9906, 1.7989, 0.8924

Inverse Universe

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



52.4500, 47.7882, 58.6868



74.5985, 65.3991, 82.6542



50.2730, 46.9174, 47.2226



12.7176, 12.5386, 14.4534



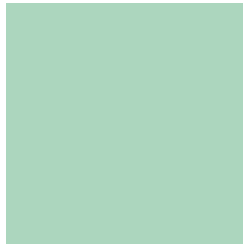
18.9492, 9.5160, 12.3027



1.1840, 0.5904, 0.9584

Previews

White Background



This preview shows how the XYZ color 50.3541, 60.5815, 57.7547 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 50.3541, 60.5815, 57.7547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

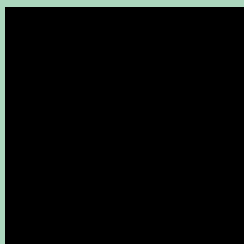
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

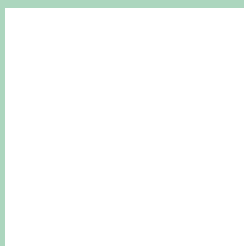
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.3541, 60.5815, 57.7547

Background



This preview shows how black text looks on a background with the XYZ color 50.3541, 60.5815, 57.7547.



This preview shows how white text looks on a background with the XYZ color 50.3541, 60.5815,

57.7547.

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

50.3541, 60.5815, 57.7547

Protanopia

57.1590, 60.1696, 53.9487

Deuteranopia

61.3824, 60.1584, 59.4155



Tritanopia

54.8880, 60.5569, 80.7472

Trichromacy



Original Color

50.3541, 60.5815, 57.7547

Protanomaly

54.2017, 60.0411, 55.1867

Deuteranomaly

56.7137, 59.8275, 59.0108

Tritanomaly

53.2090, 60.6227, 71.8477

Monochromacy



Original Color

50.3541, 60.5815, 57.7547

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

52.5429, 57.9901, 60.6484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3541, 60.5815, 57.7547 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(172, 214, 190)` looks like.

```
.text, #text, p{  
    color:rgb(172, 214, 190)  
}
```

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(172, 214, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 214, 190) }
```

Border

The CSS property to change the border of an element to XYZ 50.3541, 60.5815, 57.7547 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(172, 214, 190) }
```


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

```
.border{ border-color:rgb(172, 214, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 214, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 214, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 214, 190);  
box-shadow:4px 4px 4px 4px rgb(172, 214,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3541, 60.5815, 57.7547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 214, 190) }
```

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

```
.background{ background-color: rgb(172,  
214, 190) }
```

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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