

Converting Colors

XYZ(49.5831, 58.2613, 60.9135)

Have a look what the booklet for
XYZ(49.5831, 58.2613, 60.9135)
contains.

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Color

**XYZ(49.5589, 58.2444,
60.8548)**

Conversions

Conversions Part 1

Format	Color
Hex	ABD1C4
RGB	171, 209, 196
RGB Percent	67%, 82%, 77%
CMY	0.3294, 0.1804, 0.2314
CMYK	0.18, 0.00, 0.06, 0.18
HSL	159°, 29%, 75%
HSV	159°, 18%, 82%
XYZ	49.5589, 58.2444, 60.8548
YIQ	196.1560, -18.4750, -12.0990

Conversions

Conversions Part 2

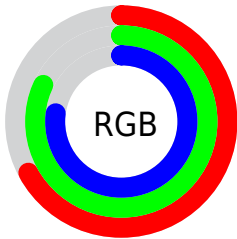
Format	Color
RYB	171, 194, 209
Decimal	11260356
CIELab	80.87, -15.13, 2.28
CIELCh	81, 15.297, 171.422
Yxy	58.2444, 0.2938, 0.3453
Android (android.graphics.Color)	4289450436 (0xFFABD1C4)
YUV	196.1560, -0.0769, -22.0618
Hunter-Lab	76.3180, -17.6434, 6.1457

Details

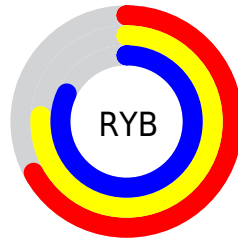
The XYZ color **49.5589, 58.2444, 60.8548** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.5113, 46.1434, 51.6471**, and the grayscale version is **52.5727, 55.3106, 60.2332**.

A 20% lighter version of the original color is **85.1682, 94.9427, 106.7654**, and **24.0750, 29.2472, 29.9676** is the 20% darker color. If you saturate the color by 10%, you get **44.5670, 55.7644, 56.4736**, and if you desaturate by 10%, it is **55.3128, 61.1159, 65.4767**.

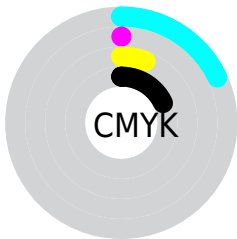
Distribution



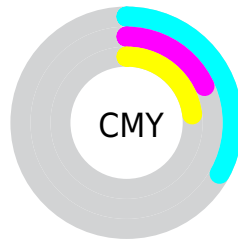
- Red (67%)
- Green (82%)
- Blue (77%)



- Red (67%)
- Yellow (76%)
- Blue (82%)



- Cyan (18%)
- Magenta (0%)
- Yellow (6%)
- Black (18%)




- Cyan (33%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.5589, 58.2444, 60.8548 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 49.5589, 58.2444, 60.8548 by changing the saturation by 10% instead.


 49.5589, 58.2444,
60.8548

 49.5589, 58.2444,
60.8548


375.4190,
418.0960, 445.6332

 35.2794, 42.0052,
43.6782


 88.7167, 102.2787,
107.6241

 24.0457, 29.1053,
30.0823


114.3257,
130.8425, 138.0540

 15.4924, 19.1605,
19.6485


144.4420,
164.2833, 173.7386

 9.2543, 11.7863,
11.9582

179.4308,
202.9855, 215.0967

 4.9658, 6.5984,
6.5930

219.6576,
247.3335, 262.5466

 2.2618, 3.2122,
3.1344

265.4876,

 0.7750, 1.2435,

297.7116, 316.5070

1.1636

317.2863,
354.5043, 377.3963

■ 0.0000, 0.0968,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 49.5589, 58.2444,
60.8548

■ 49.5589, 58.2444,
60.8548

■ 44.5670, 55.7644,
56.4736

■ 55.3128, 61.1159,
65.4767

■ 40.2978, 53.6509,
52.3248

■ 61.8558, 64.3881,
70.3396

■ 36.7160, 51.8875,
48.4051

■ 69.2196, 68.0788,
75.4489

■ 33.7813, 50.4533,
44.7097

■ 77.4329, 72.2028,
80.8085

■ 31.4488, 49.3254,
41.2335

■ 78.5727, 72.6755,
86.0503

■ 29.6678, 48.4777,
37.9711

■ 79.6081, 73.0897,
91.5030

■ 28.3789, 47.8795,
34.9166

■ 80.6854, 73.5206,
97.1758

■ 27.4940, 47.4856,
32.0628

■ 81.8049, 73.9684,
103.0712

■ 27.3523, 47.4234,
31.5642

■ 82.0915, 74.0831,
104.5805

Harmonies

Analogous

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



50.7382, 58.2444, 53.1617



49.5589, 58.2444, 60.8548



49.8868, 58.2444, 69.9975

Triad

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



49.5589, 58.2444, 60.8548



57.6115, 58.2444, 81.0608



59.2407, 58.2444, 50.7487

Complementary

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



49.5589, 58.2444, 60.8548



49.5113, 46.1434, 51.6471

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.



61.2186, 58.2444, 57.2648



49.5589, 58.2444, 60.8548



60.2533, 58.2444, 74.9158

Square

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



49.5589, 58.2444, 60.8548



54.4571, 58.2444, 82.2548



61.5960, 58.2444, 66.0527



56.2719, 58.2444, 47.7022

Rectangle

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



49.5589, 58.2444, 60.8548



50.9216, 58.2444, 75.6587



61.5960, 58.2444, 66.0527



60.0481, 58.2444, 52.5748

Sweetspot

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



49.5605, 58.2468, 60.8561



89.8193, 97.3837, 105.0304



49.9922, 58.7712, 47.2382



19.0732, 20.7682, 22.3661



0.0000, 0.0000, 0.0000



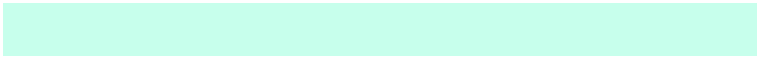
20.3446, 21.4041, 23.3091

Same Dimension

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



49.5605, 58.2468, 60.8561



74.3986, 89.6932, 92.5996



49.7320, 56.1174, 68.5350



11.9793, 13.3355, 14.2475



16.9116, 29.2576, 19.7126



0.9820, 1.6505, 1.2940

Inverse Universe

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



49.5113, 46.1434, 51.6471



74.3078, 67.1278, 75.4355



49.3100, 47.8231, 45.1609



11.9733, 11.8741, 13.1352



16.9656, 8.6591, 4.7251



0.9855, 0.4989, 0.4584

Previews

White Background



This preview shows how the XYZ color 49.5589, 58.2444, 60.8548 looks on a white background.

Color Contrast Check

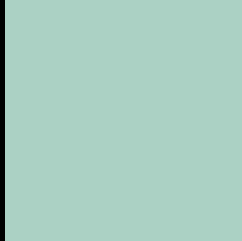
Large Text (above 18pt) WCAG AA × Fail

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 49.5589, 58.2444, 60.8548 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 49.5589, 58.2444, 60.8548

Background



This preview shows how black text looks on a background with the XYZ color 49.5589, 58.2444, 60.8548.



This preview shows how white text looks on a background with the XYZ color 49.5589, 58.2444,

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

49.5589, 58.2444, 60.8548

Protanopia

55.2810, 57.7302, 57.5196

Deuteranopia

59.1158, 57.9227, 62.0973



Tritanopia

52.9206, 58.1667, 77.5453

Trichromacy



Original Color

49.5589, 58.2444, 60.8548

Protanomaly

52.9739, 57.8996, 58.8358

Deuteranomaly

54.9736, 57.4806, 61.6235

Tritanomaly

51.5371, 57.9454, 71.4191

Monochromacy



Original Color

49.5589, 58.2444, 60.8548

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.3440, 56.3236, 60.3900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5589, 58.2444, 60.8548 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(171, 209, 196)` looks like.

```
.text, #text, p{  
    color:rgb(171, 209, 196)  
}
```

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(171, 209, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 209, 196) }
```

Border

The CSS property to change the border of an element to XYZ 49.5589, 58.2444, 60.8548 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(171, 209, 196) }
```


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

```
.border{ border-color:rgb(171, 209, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 209, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 209, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 209, 196);  
box-shadow:4px 4px 4px 4px rgb(171, 209,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5589, 58.2444, 60.8548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 209, 196) }
```

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

```
.background{ background-color: rgb(171,  
209, 196) }
```

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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