

Converting Colors

XYZ(49.0494, 58.5108, 53.5083)

Have a look what the booklet for
XYZ(49.0494, 58.5108, 53.5083)
contains.

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Color

**XYZ(49.0494, 58.5108,
53.5083)**

Conversions

Conversions Part 1

Format	Color
Hex	AED2B7
RGB	174, 210, 183
RGB Percent	68%, 82%, 72%
CMY	0.3176, 0.1765, 0.2823
CMYK	0.17, 0.00, 0.13, 0.18
HSL	135°, 29%, 75%
HSV	135°, 17%, 82%
XYZ	49.0494, 58.5108, 53.5083
YIQ	196.1580, -12.7890, -16.0290

Conversions

Conversions Part 2

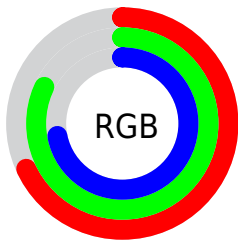
Format	Color
RYB	174, 203, 210
Decimal	11457207
CIELab	81.02, -17.15, 9.45
CIElCh	81, 19.578, 151.134
Yxy	58.5108, 0.3045, 0.3633
Android (android.graphics.Color)	4289647287 (0xFFAED2B7)
YUV	196.1580, -6.4869, -19.4326
Hunter-Lab	76.4924, -19.4016, 12.0698

Details

The XYZ color **49.0494, 58.5108, 53.5083** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **52.2591, 48.1922, 61.8086**, and the grayscale version is **52.6087, 55.3484, 60.2744**.

A 20% lighter version of the original color is **83.9731, 94.5750, 95.4903**, and **23.6358, 29.1193, 25.4940** is the 20% darker color. If you saturate the color by 10%, you get **43.1831, 55.6672, 45.1499**, and if you desaturate by 10%, it is **55.8339, 61.8098, 62.8699**.

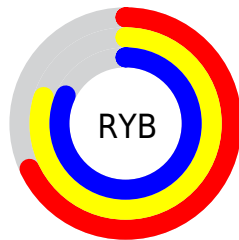
Distribution



Red (68%)

Green (82%)

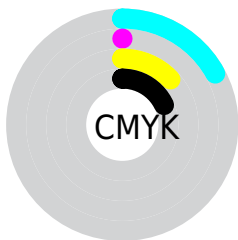
Blue (72%)



Red (68%)

Yellow (80%)

Blue (82%)

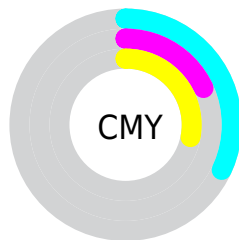


Cyan (17%)

Magenta (0%)

Yellow (13%)

Black (18%)



Cyan (32%)


Magenta (18%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.0494, 58.5108, 53.5083 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 49.0494, 58.5108, 53.5083 by changing the saturation by 10% instead.


 49.0494, 58.5108,
53.5083

 49.0494, 58.5108,
53.5083


373.4505,
419.0866, 417.3537

 34.8734, 42.2194,
37.8182


 87.9651, 102.6663,
96.8010

 23.7314, 29.2732,
25.5409


113.4355,
131.2993, 125.2407

 15.2581, 19.2876,
16.2578


143.4013,
164.8149, 158.7674

 9.0883, 11.8782,
9.5504

178.2281,
203.5976, 197.7995

 4.8564, 6.6608,
5.0002

218.2810,
248.0317, 242.7557

 2.1971, 3.2509,
2.1887

263.9254,

 0.7412, 1.2641,

298.5016, 294.0544

0.6678

315.5268,
355.3918, 352.1142

■ 0.0000, 0.1131,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 49.0494, 58.5108,
53.5083

■ 49.0494, 58.5108,
53.5083

■ 43.1831, 55.6672,
45.1499

■ 55.8339, 61.8098,
62.8699

■ 38.1902, 53.2517,
37.7575

■ 63.5692, 65.5755,
73.2625

■ 34.0294, 51.2455,
31.2973

■ 72.2922, 69.8279,
84.7176

■ 30.6543, 49.6252,
25.7320

■ 80.9229, 74.0096,
97.2122

■ 28.0133, 48.3652,
21.0220

■ 82.3377, 74.5755,
104.6626

■ 26.0488, 47.4367,
17.1244

■ 24.6939, 46.8062,
13.9925

■ 23.8613, 46.4296,
11.5747

■ 23.6789, 46.3479,
11.0061

Harmonies

Analogous

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



51.6714, 58.5108, 46.4159



49.0494, 58.5108, 53.5083



48.1637, 58.5108, 64.1520

Triad

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



49.0494, 58.5108, 53.5083



55.7675, 58.5108, 88.7912



62.5696, 58.5108, 52.8287

Complementary

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



49.0494, 58.5108, 53.5083



52.2591, 48.1922, 61.8086

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.



63.7928, 58.5108, 63.2667



49.0494, 58.5108, 53.5083



59.7496, 58.5108, 84.8369

Square

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



49.0494, 58.5108, 53.5083



51.9268, 58.5108, 85.3738



62.7370, 58.5108, 75.1286



59.4692, 58.5108, 46.0584

Rectangle

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



49.0494, 58.5108, 53.5083



48.6412, 58.5108, 72.1183



62.7370, 58.5108, 75.1286



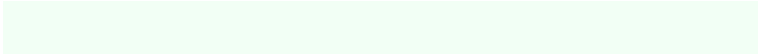
63.2206, 58.5108, 55.9790

Sweetspot

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



49.0510, 58.5133, 53.5096



89.0121, 97.0608, 100.7798



54.9379, 61.6529, 49.0497



18.8772, 20.6898, 21.3339



0.0000, 0.0000, 0.0000



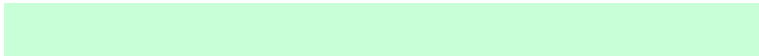
20.3446, 21.4041, 23.3091

Same Dimension

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



49.0510, 58.5133, 53.5096



72.2133, 88.8979, 77.5331



50.9762, 59.2833, 63.6474



11.7758, 13.2541, 13.1758



14.4773, 28.2839, 6.8936



0.8419, 1.5944, 0.5563

Inverse Universe

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



52.2591, 48.1922, 61.8086



78.2007, 69.6310, 93.0186



50.3260, 47.4189, 51.6294



12.1793, 11.9564, 14.2197



19.9930, 9.8700, 20.6669



1.1486, 0.5642, 1.3172

Previews

White Background



This preview shows how the XYZ color 49.0494, 58.5108, 53.5083 looks on a white background.

Color Contrast Check

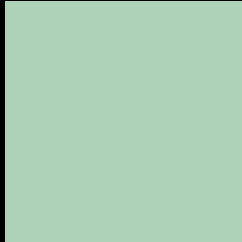
Large Text (above 18pt) WCAG AA × Fail

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 49.0494, 58.5108, 53.5083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

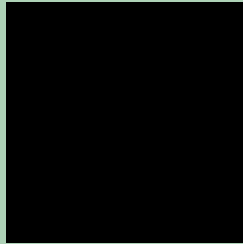
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.0494, 58.5108, 53.5083

Background



This preview shows how black text looks on a background with the XYZ color 49.0494, 58.5108, 53.5083.

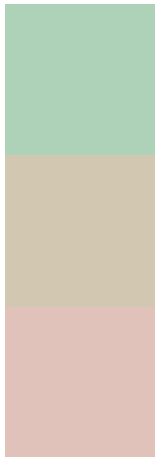


This preview shows how white text looks on a background with the XYZ color 49.0494, 58.5108,

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

49.0494, 58.5108, 53.5083

Protanopia

55.2685, 58.2245, 50.4450

Deuteranopia

59.2060, 58.1363, 54.5553



Tritanopia

53.9385, 58.7069, 76.8953

Trichromacy



Original Color

49.0494, 58.5108, 53.5083

Protanomaly

52.8570, 58.3513, 51.6571

Deuteranomaly

54.8648, 57.9331, 54.1895

Tritanomaly

51.9354, 58.5956, 67.6043

Monochromacy



Original Color

49.0494, 58.5108, 53.5083

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.0297, 56.2262, 57.4534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.0494, 58.5108, 53.5083 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(174, 210, 183)` looks like.

```
.text, #text, p{  
    color:rgb(174, 210, 183)  
}
```

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(174, 210, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 210, 183) }
```

Border

The CSS property to change the border of an element to XYZ 49.0494, 58.5108, 53.5083 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(174, 210, 183) }
```


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

```
.border{ border-color:rgb(174, 210, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 210, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 210, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 210, 183);  
box-shadow:4px 4px 4px 4px rgb(174, 210,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 49.0494, 58.5108, 53.5083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 210, 183) }
```

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

```
.background{ background-color: rgb(174,  
210, 183) }
```

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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