

Converting Colors

XYZ(49.4975, 59.0606, 55.8048)

Have a look what the booklet for
XYZ(49.4975, 59.0606, 55.8048)
contains.

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Color

**XYZ(49.4975, 59.0606,
55.8048)**

Conversions

Conversions Part 1

Format	Color
Hex	ADD3BB
RGB	173, 211, 187
RGB Percent	68%, 83%, 73%
CMY	0.3216, 0.1725, 0.2667
CMYK	0.18, 0.00, 0.11, 0.17
HSL	142°, 30%, 75%
HSV	142°, 18%, 83%
XYZ	49.4975, 59.0606, 55.8048
YIQ	196.9020, -14.9440, -15.5200

Conversions

Conversions Part 2

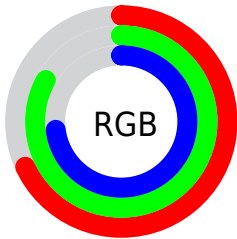
Format	Color
R_{YB}	173, 201, 211
Decimal	11391931
CIE _{Lab}	81.32, -17.23, 7.75
CIE _{LCh}	81, 18.895, 155.793
Yxy	59.0606, 0.3011, 0.3593
Android (android.graphics.Color)	4289582011 (0xFFADD3BB)
YUV	196.9020, -4.8817, -20.9621
Hunter-Lab	76.8509, -19.5222, 10.7426

Details

The XYZ color **49.4975, 59.0606, 55.8048** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.8877, 47.7687, 59.3114**, and the grayscale version is **53.0481, 55.8107, 60.7779**.

A 20% lighter version of the original color is **84.2508, 94.6491, 98.6226**, and **23.9373, 29.4912, 26.9850** is the 20% darker color. If you saturate the color by 10%, you get **43.8341, 56.2999, 48.4350**, and if you desaturate by 10%, it is **56.0335, 62.2591, 63.9092**.

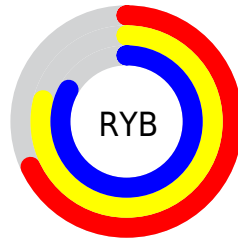
Distribution



Red (68%)

Green (83%)

Blue (73%)



Red (68%)

Yellow (79%)

Blue (83%)

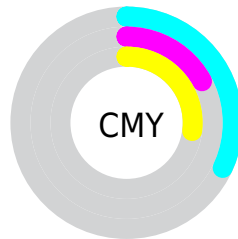


Cyan (18%)

Magenta (0%)

Yellow (11%)

Black (17%)



Cyan (32%)

Magenta (17%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.4975, 59.0606, 55.8048 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 49.4975, 59.0606, 55.8048 by changing the saturation by 10% instead.

■ 49.4975, 59.0606,
55.8048

■ 49.4975, 59.0606,
55.8048

375.1821,
421.1265, 426.3231

■ 35.2305, 42.6619,
39.6435

■ 88.6262, 103.4657,
100.2021

■ 24.0078, 29.6199,
26.9490

114.2185,
132.2410, 129.2751

■ 15.4642, 19.5503,
17.3028

144.3167,
165.9105, 163.4891

■ 9.2342, 12.0686,
10.2864

179.2860,
204.8587, 203.2627

■ 4.9526, 6.7904,
5.4812

219.4919,
249.4700, 249.0143

■ 2.2540, 3.3314,
2.4686

265.2996,

■ 0.7709, 1.3071,

300.1288, 301.1626

0.8235

317.0746,
357.2195, 360.1260

■ 0.0000, 0.1467,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 49.4975, 59.0606,
55.8048

■ 49.4975, 59.0606,
55.8048

■ 43.8341, 56.2999,
48.4350

■ 56.0335, 62.2591,
63.9092

■ 39.0002, 53.9504,
41.7753

■ 63.4729, 65.9060,
72.7639

■ 34.9566, 51.9938,
35.8055

■ 71.8509, 70.0206,
82.3892

■ 31.6586, 50.4075,
30.5033

■ 80.3097, 74.1605,
92.7615

■ 29.0569, 49.1667,
25.8447

■ 82.3667, 74.9833,
103.5937

■ 27.0960, 48.2432,
21.8045

■ 82.5854, 75.0707,
104.7451

■ 25.7111, 47.6042,
18.3554

■ 24.8101, 47.2027,
15.4676

■ 24.6610, 47.1370,
14.9563

Harmonies

Analogous

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



51.8149, 59.0606, 48.2470



49.4975, 59.0606, 55.8048



48.9221, 59.0606, 66.5247

Triad

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



49.4975, 59.0606, 55.8048



56.9045, 59.0606, 88.4306



62.5153, 59.0606, 52.4202

Complementary

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



49.4975, 59.0606, 55.8048



51.8877, 47.7687, 59.3114

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.



64.0249, 59.0606, 62.1390



49.4975, 59.0606, 55.8048



60.6895, 59.0606, 83.5855

Square

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



49.4975, 59.0606, 55.8048



53.0823, 59.0606, 86.2244



63.3416, 59.0606, 73.6316



59.3032, 59.0606, 46.4591

Rectangle

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



49.4975, 59.0606, 55.8048



49.5792, 59.0606, 74.2299



63.3416, 59.0606, 73.6316



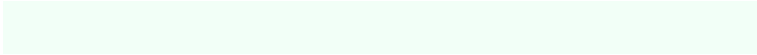
63.2454, 59.0606, 55.3102

Sweetspot

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



49.4991, 59.0631, 55.8061



89.2442, 97.1536, 102.0017



53.8827, 61.4877, 48.5644



18.9335, 20.7123, 21.6302



0.0000, 0.0000, 0.0000



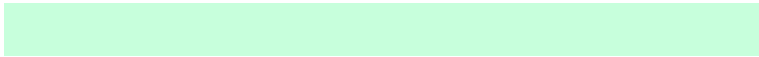
20.3446, 21.4041, 23.3091

Same Dimension

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



49.4991, 59.0631, 55.8061



72.1476, 88.7928, 80.7460



51.6623, 59.9283, 67.1971



11.8338, 13.2773, 13.4811



14.9276, 28.4640, 9.2649



0.8725, 1.6067, 0.7172

Inverse Universe

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



51.8877, 47.7687, 59.3114



76.5396, 68.0205, 87.1881



49.8519, 46.9544, 48.5913



12.1183, 11.9321, 13.8990



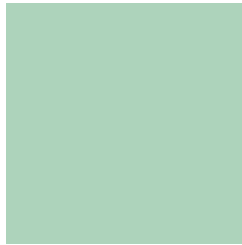
18.8295, 9.4046, 14.5401



1.0904, 0.5409, 1.0108

Previews

White Background



This preview shows how the XYZ color 49.4975, 59.0606, 55.8048 looks on a white background.

Color Contrast Check

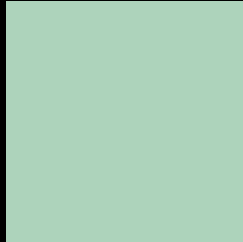
Large Text (above 18pt) WCAG AA × Fail

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 49.4975, 59.0606, 55.8048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

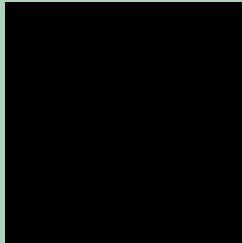
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.4975, 59.0606, 55.8048

Background



This preview shows how black text looks on a background with the XYZ color 49.4975, 59.0606, 55.8048.



This preview shows how white text looks on a background with the XYZ color 49.4975, 59.0606,

55.8048.

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

49.4975, 59.0606, 55.8048

Protanopia

55.9085, 58.8523, 52.6689

Deuteranopia

59.8607, 58.7555, 56.9011



Tritanopia

53.8465, 59.0002, 77.6574

Trichromacy



Original Color

49.4975, 59.0606, 55.8048

Protanomaly

53.5090, 58.9937, 53.9141

Deuteranomaly

55.5256, 58.5692, 56.5226

Tritanomaly

52.1960, 59.0623, 68.9707

Monochromacy



Original Color

49.4975, 59.0606, 55.8048

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

51.4852, 56.7827, 58.6987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.4975, 59.0606, 55.8048 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(173, 211, 187)` looks like.

```
.text, #text, p{  
    color:rgb(173, 211, 187)  
}
```

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(173, 211, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 211, 187) }
```

Border

The CSS property to change the border of an element to XYZ 49.4975, 59.0606, 55.8048 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(173, 211, 187) }
```


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

```
.border{ border-color:rgb(173, 211, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 211, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 211, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 211, 187);  
box-shadow:4px 4px 4px 4px rgb(173, 211,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 49.4975, 59.0606, 55.8048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 211, 187) }
```

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

```
.background{ background-color: rgb(173,  
211, 187) }
```

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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