

Converting Colors

XYZ(53.8349, 63.7755, 59.8977)

Have a look what the booklet for
XYZ(53.8349, 63.7755, 59.8977)
contains.

| | |
|--|----|
| XYZ(53.9884, 63.9381, 59.9479) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(53.9884, 63.9381,
59.9479)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | B6DAC1 |
| RGB | 182, 218, 193 |
| RGB Percent | 71%, 85%, 76% |
| CMY | 0.2863, 0.1451, 0.2431 |
| CMYK | 0.17, 0.00, 0.11, 0.15 |
| HSL | 138°, 33%, 78% |
| HSV | 138°, 17%, 85% |
| XYZ | 53.9884, 63.9381, 59.9479 |
| YIQ | 204.3860, -13.4310, -15.4070 |

Conversions

Conversions Part 2

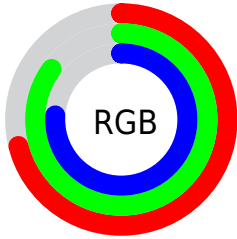
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 182, 210, 218 |
| Decimal | 11983553 |
| CIE Lab | 83.93, -16.66, 8.38 |
| CIE LCh | 84, 18.650, 153.305 |
| Yxy | 63.9381, 0.3035, 0.3595 |
| Android (android.graphics.Color) | 4290173633 (0xFFB6DAC1) |
| YUV | 204.3860, -5.6133, -19.6325 |
| Hunter-Lab | 79.9613, -19.4124, 11.5225 |

Details

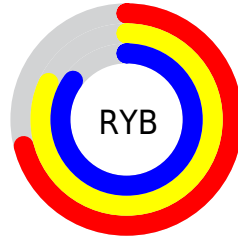
The XYZ color **53.9884, 63.9381, 59.9479** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.9061, 52.8678, 66.2394**, and the grayscale version is **57.6806, 60.6845, 66.0854**.

A 20% lighter version of the original color is **88.1188, 96.5367, 103.6116**, and **26.8107, 32.7256, 29.3297** is the 20% darker color. If you saturate the color by 10%, you get **47.6320, 60.8483, 51.2814**, and if you desaturate by 10%, it is **61.3227, 67.5156, 69.5655**.

Distribution



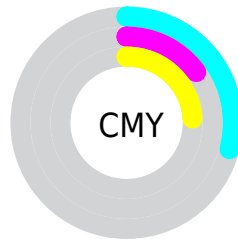
- Red (71%)
- Green (85%)
- Blue (76%)



- Red (71%)
- Yellow (82%)
- Blue (85%)



- Cyan (17%)
- Magenta (0%)
- Yellow (11%)
- Black (15%)




- Cyan (29%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9884, 63.9381, 59.9479 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 53.9884, 63.9381, 59.9479 by changing the saturation by 10% instead.


 53.9884, 63.9381,
59.9479

 53.9884, 63.9381,
59.9479

392.2648,
438.9661, 442.2050

 38.8230, 46.6005,
42.9516


 95.2142, 110.5218,
106.2967

 26.8022, 32.7200,
29.5160


122.0053,
140.5367, 136.4863

 17.5605, 21.9120,
19.2226


153.4024,
175.5462, 171.9108

 10.7327, 13.7923,
11.6528

189.7709,
215.9346, 212.9887

 5.9534, 7.9763,
6.3881

231.4760,
262.0865, 260.1385

 2.8571, 4.0798,
3.0099

278.8831,

 1.0787, 1.7183,

314.3861, 313.7788

1.0997

332.3576,
373.2178, 374.3281

0.0072, 0.4355,
0.0000

0.0000, 0.0000,
0.0000

53.9884, 63.9381,
59.9479

53.9884, 63.9381,
59.9479

47.6320, 60.8483,
51.2814

61.3227, 67.5156,
69.5655

42.2062, 58.2171,
43.5327

69.6692, 71.5926,
80.1576

37.6674, 56.0244,
36.6727

79.0671, 76.1905,
91.7521

33.9664, 54.2455,
30.6694

84.1316, 78.5328,
104.1211

■ 31.0490, 52.8532,
25.4887

■ 84.3626, 78.6252,
105.3375

■ 28.8543, 51.8168,
21.0940

■ 27.3119, 51.1008,
17.4461

■ 26.3337, 50.6606,
14.5018

■ 26.0740, 50.5458,
13.6309

Harmonies

Analogous

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



56.5392, 63.9381, 52.3819



53.9884, 63.9381, 59.9479



53.2266, 63.9381, 70.9292

Triad

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



53.9884, 63.9381, 59.9479



61.2275, 63.9381, 94.7130



67.6099, 63.9381, 57.9278

Complementary

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



53.9884, 63.9381, 59.9479



56.9061, 52.8678, 66.2394

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.



68.9971, 63.9381, 68.3225



53.9884, 63.9381, 59.9479



65.2094, 63.9381, 90.2718

Square

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



53.9884, 63.9381, 59.9479



57.2937, 63.9381, 91.8305



68.0997, 63.9381, 80.2752



64.3867, 63.9381, 51.3111

Rectangle

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



53.9884, 63.9381, 59.9479



53.8062, 63.9381, 78.9498



68.0997, 63.9381, 80.2752



68.3128, 63.9381, 61.0516

Sweetspot

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



53.9902, 63.9408, 59.9493



89.1207, 97.1043, 101.3518



59.3053, 66.8174, 54.0280



18.9035, 20.7004, 21.4725



0.0000, 0.0000, 0.0000



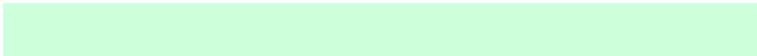
20.3446, 21.4041, 23.3091

Same Dimension

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



53.9902, 63.9408, 59.9493



73.5249, 89.5026, 80.8211



56.0976, 64.7838, 71.0471



13.0495, 14.6714, 14.7236



15.6625, 30.2976, 8.3883



1.0525, 1.9780, 0.7426

Inverse Universe

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



56.9061, 52.8678, 66.2394



78.4746, 70.7024, 91.4960



54.8503, 52.0455, 55.4140



13.4361, 13.2036, 15.5579



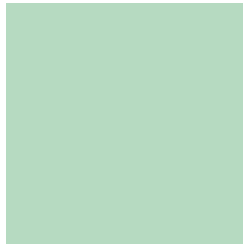
20.7379, 10.2962, 18.7975



1.3812, 0.6821, 1.4165

Previews

White Background



This preview shows how the XYZ color 53.9884, 63.9381, 59.9479 looks on a white background.

Color Contrast Check

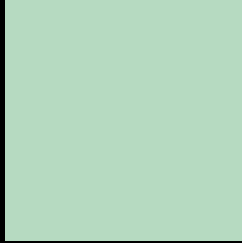
Large Text (above 18pt) WCAG AA × Fail

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 53.9884, 63.9381, 59.9479 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

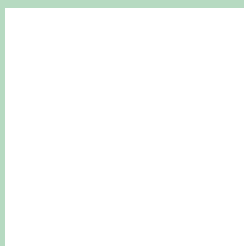
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9884, 63.9381, 59.9479

Background



This preview shows how black text looks on a background with the XYZ color 53.9884, 63.9381, 59.9479.



This preview shows how white text looks on a background with the XYZ color 53.9884, 63.9381,

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

53.9884, 63.9381, 59.9479

Protanopia

60.2482, 63.4943, 56.6572

Deuteranopia

65.0160, 63.7190, 61.0968



Tritanopia

58.8162, 63.9930, 84.1149

Trichromacy



Original Color

53.9884, 63.9381, 59.9479

Protanomaly

57.7396, 63.6420, 57.9561

Deuteranomaly

60.4305, 63.4990, 60.7013

Tritanomaly

57.0745, 64.0497, 75.0003

Monochromacy



Original Color

53.9884, 63.9381, 59.9479

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

55.9907, 61.5068, 63.5646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9884, 63.9381, 59.9479 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(182, 218, 193)` looks like.

```
.text, #text, p{  
    color:rgb(182, 218, 193)  
}
```

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(182, 218, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 218, 193) }
```

Border

The CSS property to change the border of an element to XYZ 53.9884, 63.9381, 59.9479 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(182, 218, 193) }
```


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

```
.border{ border-color:rgb(182, 218, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 218, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 218, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 218, 193);  
box-shadow:4px 4px 4px 4px rgb(182, 218,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9884, 63.9381, 59.9479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 218, 193) }
```

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

```
.background{ background-color: rgb(182,  
218, 193) }
```

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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