

Converting Colors

XYZ(53.9771, 63.2577, 59.3738)

Have a look what the booklet for
XYZ(53.9771, 63.2577, 59.3738)
contains.

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Color

**XYZ(53.8375, 63.1079,
59.2127)**

Conversions

Conversions Part 1

Format	Color
Hex	B8D8C0
RGB	184, 216, 192
RGB Percent	72%, 85%, 75%
CMY	0.2784, 0.1529, 0.2471
CMYK	0.15, 0.00, 0.11, 0.15
HSL	135°, 29%, 78%
HSV	135°, 15%, 85%
XYZ	53.8375, 63.1079, 59.2127
YIQ	203.6960, -11.3680, -14.2480

Conversions

Conversions Part 2

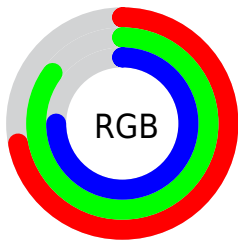
Format	Color
RYB	184, 210, 216
Decimal	12114112
CIELab	83.50, -15.18, 8.30
CIElCh	83, 17.298, 151.318
Yxy	63.1079, 0.3056, 0.3582
Android (android.graphics.Color)	4290304192 (0xFFB8D8C0)
YUV	203.6960, -5.7661, -17.2734
Hunter-Lab	79.4405, -18.0498, 11.4152

Details

The XYZ color **53.8375, 63.1079, 59.2127** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.8469, 53.4356, 66.9954**, and the grayscale version is **57.2445, 60.2256, 65.5857**.

A 20% lighter version of the original color is **88.6385, 96.8226, 102.8238**, and **26.7651, 32.1791, 29.2266** is the 20% darker color. If you saturate the color by 10%, you get **47.3558, 59.9644, 50.0495**, and if you desaturate by 10%, it is **61.3104, 66.7431, 69.4565**.

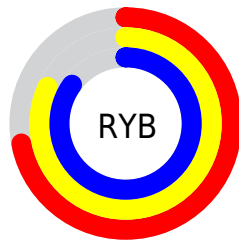
Distribution



Red (72%)

Green (85%)

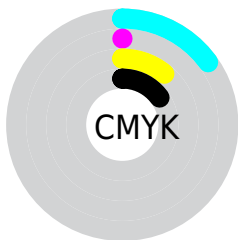
Blue (75%)



Red (72%)

Yellow (82%)

Blue (85%)

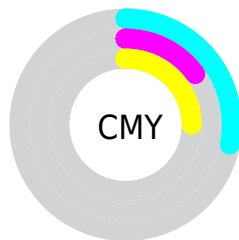


Cyan (15%)

Magenta (0%)

Yellow (11%)

Black (15%)



Cyan (28%)


Magenta (15%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8375, 63.1079, 59.2127 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 53.8375, 63.1079, 59.2127 by changing the saturation by 10% instead.


 53.8375, 63.1079,
59.2127

 53.8375, 63.1079,
59.2127


391.6985,
435.9610, 439.4135

 38.7019, 45.9285,
42.3632


 94.9939, 109.3252,
105.2189

 26.7076, 32.1894,
29.0581


121.7454,
139.1318, 135.2127

 17.4892, 21.5062,
18.8788


153.0996,
173.9164, 170.4250

 10.6813, 13.4945,
11.4068

189.4219,
214.0632, 211.2744

 5.9187, 7.7700,
6.2236

231.0776,
259.9566, 258.1794

 2.8359, 3.9481,
2.9105

278.4320,

 1.0676, 1.6446,

311.9812, 311.5586

1.0491

331.8505,
370.5211, 371.8304

■ 0.0000, 0.3874,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.8375, 63.1079,
59.2127

■ 53.8375, 63.1079,
59.2127

■ 47.3558, 59.9644,
50.0495

■ 61.3104, 66.7431,
69.4565

■ 41.8179, 57.2835,
41.9274

■ 69.8089, 70.8818,
80.8103

■ 37.1806, 55.0456,
34.8108

■ 79.3719, 75.5450,
93.3076

■ 33.3947, 53.2261,
28.6602

■ 83.8471, 77.5942,
105.1657

■ 30.4066, 51.7983,
23.4338

■ 28.1562, 50.7321,
19.0865

■ 26.5745, 49.9929,
15.5693

■ 25.5781, 49.5389,
12.8284

■ 25.2229, 49.3805,
11.6917

Harmonies

Analogous

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



56.2881, 63.1079, 52.4422



53.8375, 63.1079, 59.2127



53.0149, 63.1079, 69.1931

Triad

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



53.8375, 63.1079, 59.2127



60.1493, 63.1079, 91.6594



66.3986, 63.1079, 58.4658

Complementary

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



53.8375, 63.1079, 59.2127



56.8469, 53.4356, 66.9954

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.



67.5346, 63.1079, 68.2367



53.8375, 63.1079, 59.2127



63.8344, 63.1079, 88.0446

Square

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



53.8375, 63.1079, 59.2127



56.5658, 63.1079, 88.6100



66.5774, 63.1079, 79.1804



63.5334, 63.1079, 52.0438

Rectangle

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



53.8375, 63.1079, 59.2127



53.4718, 63.1079, 76.5509



66.5774, 63.1079, 79.1804



67.0006, 63.1079, 61.4307

Sweetspot

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



53.8392, 63.1106, 59.2141



90.1890, 97.6335, 102.3707



59.3728, 66.0629, 54.9704



19.1144, 20.8052, 21.6551



0.0000, 0.0000, 0.0000



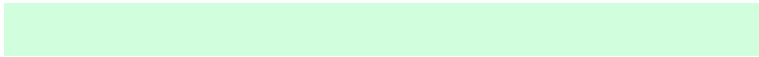
20.3446, 21.4041, 23.3091

Same Dimension

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



53.8392, 63.1106, 59.2141



75.0773, 90.2877, 81.5798



55.6447, 63.8328, 68.7217



12.3885, 13.9464, 13.8602



14.9653, 29.2415, 7.1130



0.9361, 1.7771, 0.6053

Inverse Universe

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



56.8469, 53.4356, 66.9954



80.3222, 73.4129, 95.1477



55.0350, 52.7108, 57.4545



12.8142, 12.5772, 14.9618



20.6675, 10.2033, 21.3508



1.2787, 0.6283, 1.4572

Previews

White Background



This preview shows how the XYZ color 53.8375, 63.1079, 59.2127 looks on a white background.

Color Contrast Check

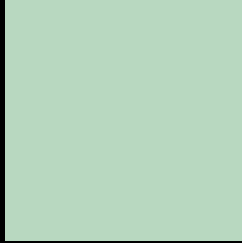
Large Text (above 18pt) WCAG AA × Fail

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 53.8375, 63.1079, 59.2127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

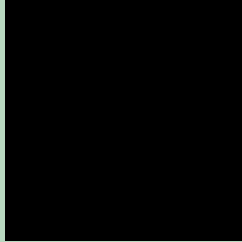
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8375, 63.1079, 59.2127

Background



This preview shows how black text looks on a background with the XYZ color 53.8375, 63.1079, 59.2127.



This preview shows how white text looks on a background with the XYZ color 53.8375, 63.1079,

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

53.8375, 63.1079, 59.2127

Protanopia

59.6014, 62.8124, 55.9964

Deuteranopia

64.0157, 62.8692, 60.3907



Tritanopia

58.5331, 63.1371, 82.5004

Trichromacy



Original Color

53.8375, 63.1079, 59.2127

Protanomaly

57.1337, 62.6047, 57.2168

Deuteranomaly

59.8332, 62.4847, 59.9461

Tritanomaly

56.7990, 63.1862, 73.4925

Monochromacy



Original Color

53.8375, 63.1079, 59.2127

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.0072, 61.1522, 63.4952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8375, 63.1079, 59.2127 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(184, 216, 192)` looks like.

```
.text, #text, p{  
    color:rgb(184, 216, 192)  
}
```

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(184, 216, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 216, 192) }
```

Border

The CSS property to change the border of an element to XYZ 53.8375, 63.1079, 59.2127 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(184, 216, 192) }
```


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

```
.border{ border-color:rgb(184, 216, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 216, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 216, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 216, 192);  
box-shadow:4px 4px 4px 4px rgb(184, 216,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8375, 63.1079, 59.2127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 216, 192) }
```

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

```
.background{ background-color: rgb(184,  
216, 192) }
```

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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