

Converting Colors

XYZ(54.2302, 63.7107, 59.4208)

Have a look what the booklet for
XYZ(54.2302, 63.7107, 59.4208)
contains.

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Color

**XYZ(54.0944, 63.6218,
59.2983)**

Conversions

Conversions Part 1

Format	Color
Hex	B8D9C0
RGB	184, 217, 192
RGB Percent	72%, 85%, 75%
CMY	0.2784, 0.1490, 0.2471
CMYK	0.15, 0.00, 0.12, 0.15
HSL	135°, 30%, 79%
HSV	135°, 15%, 85%
XYZ	54.0944, 63.6218, 59.2983
YIQ	204.2830, -11.6430, -14.7710

Conversions

Conversions Part 2

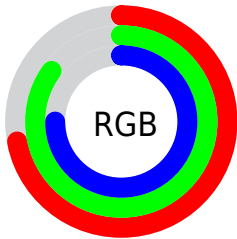
Format	Color
RYB	184, 211, 217
Decimal	12114368
CIELab	83.77, -15.68, 8.69
CIELCh	84, 17.926, 151.010
Yxy	63.6218, 0.3056, 0.3594
Android (android.graphics.Color)	4290304448 (0xFFB8D9C0)
YUV	204.2830, -6.0555, -17.7882
Hunter-Lab	79.7633, -18.5294, 11.7564

Details

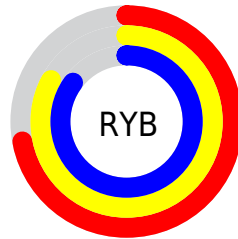
The XYZ color **54.0944, 63.6218, 59.2983** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.2666, 53.6376, 67.6592**, and the grayscale version is **57.6173, 60.6179, 66.0129**.

A 20% lighter version of the original color is **88.6385, 96.8226, 102.8238**, and **26.9406, 32.5300, 29.2851** is the 20% darker color. If you saturate the color by 10%, you get **47.5687, 60.4583, 50.0097**, and if you desaturate by 10%, it is **61.6245, 67.2831, 69.6988**.

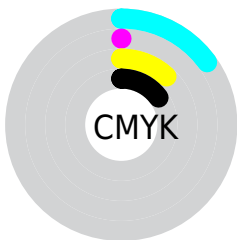
Distribution



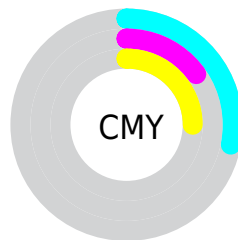
- Red (72%)
- Green (85%)
- Blue (75%)



- Red (72%)
- Yellow (83%)
- Blue (85%)



- Cyan (15%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)



- Cyan (28%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0944, 63.6218, 59.2983 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 54.0944, 63.6218, 59.2983 by changing the saturation by 10% instead.

■ 54.0944, 63.6218,
59.2983

■ 54.0944, 63.6218,
59.2983

392.6624,
437.8226, 439.7391

■ 38.9081, 46.3444,
42.4317

■ 95.3689, 110.0661,
105.3445

■ 26.8687, 32.5177,
29.1114

122.1879,
140.0018, 135.3611

■ 17.6107, 21.7572,
18.9188

153.6151,
174.9257, 170.5982

■ 10.7688, 13.6786,
11.4354

190.0159,
215.2223, 211.4743

■ 5.9778, 7.8975,
6.2427

231.7556,
261.2758, 258.4079

■ 2.8721, 4.0294,
2.9220

279.1998,

■ 1.0865, 1.6900,

313.4708, 311.8175

1.0550

332.7135,
372.1916, 372.1217

■ 0.0138, 0.4172,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0944, 63.6218,
59.2983

■ 54.0944, 63.6218,
59.2983

■ 47.5687, 60.4583,
50.0097

■ 61.6245, 67.2831,
69.6988

■ 41.9993, 57.7633,
41.7920

■ 70.1941, 71.4543,
81.2421

■ 37.3419, 55.5165,
34.6079

■ 79.8429, 76.1569,
93.9629

■ 33.5466, 53.6931,
28.4161

■ 84.1041, 78.1081,
105.2514

■ 30.5586, 52.2657,
23.1729

■ 28.3164, 51.2036,
18.8309

■ 26.7496, 50.4715,
15.3387

■ 25.7726, 50.0266,
12.6397

■ 25.4476, 49.8816,
11.6075

Harmonies

Analogous

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



56.6579, 63.6218, 52.3202



54.0944, 63.6218, 59.2983



53.2206, 63.6218, 69.6557

Triad

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



54.0944, 63.6218, 59.2983



60.6040, 63.6218, 93.2613



67.1861, 63.6218, 58.7043

Complementary

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



54.0944, 63.6218, 59.2983



57.2666, 53.6376, 67.6592

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.



68.3509, 63.6218, 68.8924



54.0944, 63.6218, 59.2983



64.4507, 63.6218, 89.5422

Square

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



54.0944, 63.6218, 59.2983



56.8792, 63.6218, 89.9958



67.3292, 63.6218, 80.3086



64.2101, 63.6218, 52.0043

Rectangle

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



54.0944, 63.6218, 59.2983



53.6825, 63.6218, 77.3316



67.3292, 63.6218, 80.3086



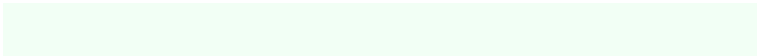
67.8081, 63.6218, 61.7953

Sweetspot

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



54.0961, 63.6245, 59.2997



88.9973, 97.0549, 100.7020



59.8465, 66.6886, 55.0660



18.8736, 20.6884, 21.3150



0.0000, 0.0000, 0.0000



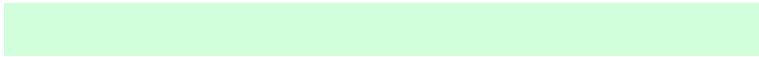
20.3446, 21.4041, 23.3091

Same Dimension

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



54.0961, 63.6245, 59.2997



75.0311, 90.2692, 81.3368



55.9918, 64.3828, 69.2821



13.0153, 14.6577, 14.5435



15.4389, 30.2082, 7.2107



1.0342, 1.9706, 0.6463

Inverse Universe

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



57.2666, 53.6376, 67.6592



80.3749, 73.4340, 95.4251



55.3610, 52.8754, 57.6246



13.4724, 13.2181, 15.7490



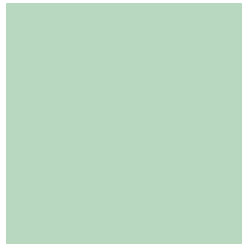
21.4438, 10.5785, 22.5147



1.4222, 0.6985, 1.6324

Previews

White Background



This preview shows how the XYZ color 54.0944, 63.6218, 59.2983 looks on a white background.

Color Contrast Check

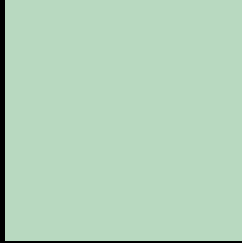
Large Text (above 18pt) WCAG AA × Fail

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 54.0944, 63.6218, 59.2983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

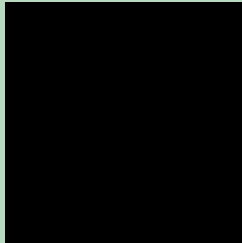
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

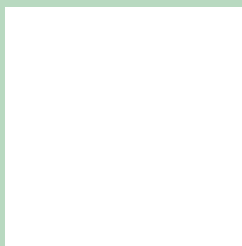
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.0944, 63.6218, 59.2983

Background



This preview shows how black text looks on a background with the XYZ color 54.0944, 63.6218, 59.2983.



This preview shows how white text looks on a background with the XYZ color 54.0944, 63.6218,

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

54.0944, 63.6218, 59.2983

Protanopia

60.1408, 63.4513, 56.0913

Deuteranopia

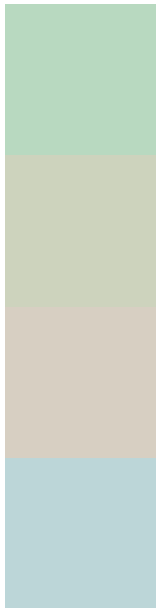
64.3412, 63.0371, 60.4060



Tritanopia

58.9215, 63.6913, 83.3169

Trichromacy



Original Color

54.0944, 63.6218, 59.2983

Protanomaly

57.6564, 63.2418, 57.3122

Deuteranomaly

60.0748, 62.9678, 60.0267

Tritanomaly

57.1803, 63.7424, 74.2555

Monochromacy



Original Color

54.0944, 63.6218, 59.2983

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.2517, 61.6414, 63.5768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0944, 63.6218, 59.2983 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, 217, 192)` looks like.

```
.text, #text, p{  
    color:rgb(184, 217, 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, 217, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 217, 192) }
```

Border

The CSS property to change the border of an element to XYZ 54.0944, 63.6218, 59.2983 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, 217, 192) }
```


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

```
.border{ border-color:rgb(184, 217, 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, 217, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 217, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 217, 192); box-shadow:4px 4px 4px 4px rgb(184, 217, 192) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0944, 63.6218, 59.2983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 217, 192) }
```

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

```
.background{ background-color: rgb(184,  
217, 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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