

Converting Colors

XYZ(49.3120, 54.6761, 54.6531)

Have a look what the booklet for
XYZ(49.3120, 54.6761, 54.6531)
contains.

XYZ(49.2939, 54.7063, 54.4157)	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(49.2939, 54.7063,
54.4157)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C7BA
RGB	185, 199, 186
RGB Percent	73%, 78%, 73%
CMY	0.2745, 0.2196, 0.2706
CMYK	0.07, 0.00, 0.07, 0.22
HSL	124°, 11%, 75%
HSV	124°, 7%, 78%
XYZ	49.2939, 54.7063, 54.4157
YIQ	193.3320, -4.1710, -7.0110

Conversions

Conversions Part 2

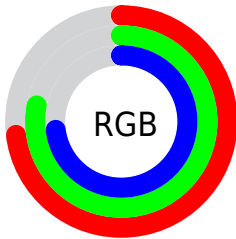
Format	Color
RYB	185, 198, 199
Decimal	12175290
CIELab	78.87, -7.21, 4.86
CIELCh	79, 8.695, 146.041
Yxy	54.7063, 0.3112, 0.3453
Android (android.graphics.Color)	4290365370 (0xFFB9C7BA)
YUV	193.3320, -3.6147, -7.3072
Hunter-Lab	73.9637, -10.4733, 8.1545

Details

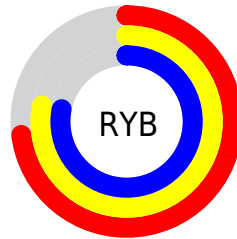
The XYZ color **49.2939, 54.7063, 54.4157** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.0971, 50.9185, 60.5638**, and the grayscale version is **50.9075, 53.5587, 58.3254**.

A 20% lighter version of the original color is **88.0626, 96.6316, 98.0148**, and **23.8748, 26.8498, 26.1145** is the 20% darker color. If you saturate the color by 10%, you get **42.9860, 51.6685, 44.5205**, and if you desaturate by 10%, it is **56.5310, 58.1968, 65.6828**.

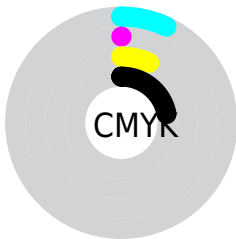
Distribution



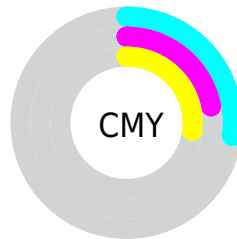
- Red (73%)
- Green (78%)
- Blue (73%)



- Red (73%)
- Yellow (78%)
- Blue (78%)



- Cyan (7%)
- Magenta (0%)
- Yellow (7%)
- Black (22%)



- Cyan (27%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.2939, 54.7063, 54.4157 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 49.2939, 54.7063, 54.4157 by changing the saturation by 10% instead.

■ 49.2939, 54.7063,
54.4157

■ 49.2939, 54.7063,
54.4157

374.3960,
404.7977, 420.9126

■ 35.0682, 39.1666,
38.5387

■ 88.3259, 97.1105,
98.1469

■ 23.8822, 26.8894,
26.0960

113.8629,
124.7438, 126.8381

■ 15.3705, 17.4902,
16.6690

143.9010,
157.1772, 160.6378

■ 9.1678, 10.5846,
9.8393

178.8056,
194.7949, 199.9646

■ 4.9088, 5.7882,
5.1884

218.9421,
237.9814, 245.2369

■ 2.2281, 2.7167,
2.2975

264.6757,

■ 0.7575, 0.9857,

287.1211, 296.8733

0.7298

316.3719,
342.5984, 355.2923

■ 0.0000, 0.0000,
0.0000

■ 49.2939, 54.7063,
54.4157

■ 49.2939, 54.7063,
54.4157

■ 42.9860, 51.6685,
44.5205

■ 56.5310, 58.1968,
65.6828

■ 37.5652, 49.0583,
35.9415

■ 64.7279, 62.1502,
78.3677

■ 32.9931, 46.8585,
28.6243

■ 73.9196, 66.5851,
92.5185

■ 29.2267, 45.0483,
22.5093

■ 79.7145, 69.3290,
103.7882

■ 26.2191, 43.6048,
17.5323

■ 23.9187, 42.5031,
13.6231

■ 22.2675, 41.7148,
10.7035

■ 21.1980, 41.2070,
8.6848

■ 20.6219, 40.9365,
7.4622

Harmonies

Analogous

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



50.5542, 54.7063, 51.4323



49.2939, 54.7063, 54.4157



48.7575, 54.7063, 58.9124

Triad

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



49.2939, 54.7063, 54.4157



51.7680, 54.7063, 69.5535



55.0340, 54.7063, 55.4923

Complementary

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



49.2939, 54.7063, 54.4157



51.0971, 50.9185, 60.5638

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.



55.3762, 54.7063, 60.2242



49.2939, 54.7063, 54.4157



53.4664, 54.7063, 68.5146

Square

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



49.2939, 54.7063, 54.4157



50.1659, 54.7063, 67.7971



54.7965, 54.7063, 65.0311



53.8715, 54.7063, 52.0294

Rectangle

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



49.2939, 54.7063, 54.4157



48.8738, 54.7063, 62.2293



54.7965, 54.7063, 65.0311



55.2499, 54.7063, 56.9795

Sweetspot

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



49.2954, 54.7086, 54.4169



92.4453, 98.7442, 104.8471



52.4890, 56.3672, 54.0130



19.8144, 21.1485, 22.4841



0.0000, 0.0000, 0.0000



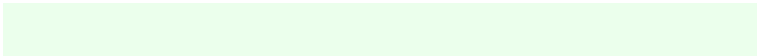
20.3446, 21.4041, 23.3091

Same Dimension

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



49.2954, 54.7086, 54.4169



85.0377, 95.1736, 93.2890



50.0509, 55.0108, 58.3951



10.5277, 11.9000, 11.4631



13.1970, 26.2912, 4.7162



0.6358, 1.2493, 0.2809

Inverse Universe

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



51.0971, 50.9185, 60.5638



88.6501, 87.5743, 105.6135



50.3152, 50.6058, 56.4462



11.0491, 10.8030, 13.2420



20.7752, 10.0596, 30.3556



0.9937, 0.4803, 1.4902

Previews

White Background



This preview shows how the XYZ color 49.2939, 54.7063, 54.4157 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 49.2939, 54.7063, 54.4157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

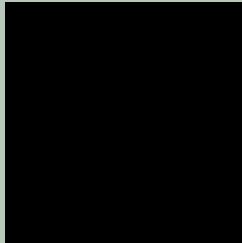
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

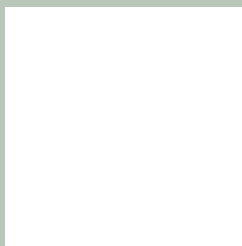
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.2939, 54.7063, 54.4157

Background



This preview shows how black text looks on a background with the XYZ color 49.2939, 54.7063, 54.4157.



This preview shows how white text looks on a background with the XYZ color 49.2939, 54.7063,

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

49.2939, 54.7063, 54.4157

Protanopia

51.9264, 54.4200, 52.5670

Deuteranopia

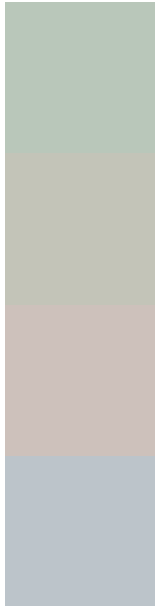
55.5936, 54.6250, 55.1905



Tritanopia

52.2592, 54.5522, 69.4033

Trichromacy



Original Color

49.2939, 54.7063, 54.4157

Protanomaly

50.8973, 54.5426, 53.1926

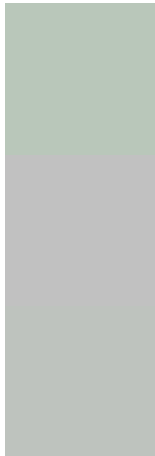
Deuteranomaly

53.2164, 54.7069, 54.7684

Tritanomaly

51.1396, 54.4355, 63.6889

Monochromacy



Original Color

49.2939, 54.7063, 54.4157

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.0446, 53.6951, 56.4418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2939, 54.7063, 54.4157 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(185, 199, 186)` looks like.

```
.text, #text, p{  
    color:rgb(185, 199, 186)  
}
```

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(185, 199, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 199, 186) }
```

Border

The CSS property to change the border of an element to XYZ 49.2939, 54.7063, 54.4157 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(185, 199, 186) }
```


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

```
.border{ border-color:rgb(185, 199, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 199, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 199, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 199, 186);  
box-shadow:4px 4px 4px 4px rgb(185, 199,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2939, 54.7063, 54.4157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 199, 186) }
```

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

```
.background{ background-color: rgb(185,  
199, 186) }
```

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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