

Converting Colors

XYZ(49.9453, 54.9677, 57.8405)

Have a look what the booklet for
XYZ(49.9453, 54.9677, 57.8405)
contains.

XYZ(49.9454, 54.9669, 57.8464)	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(49.9454, 54.9669,
57.8464)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C7C0
RGB	185, 199, 192
RGB Percent	73%, 78%, 75%
CMY	0.2745, 0.2196, 0.2471
CMYK	0.07, 0.00, 0.04, 0.22
HSL	150°, 11%, 75%
HSV	150°, 7%, 78%
XYZ	49.9454, 54.9669, 57.8464
YIQ	194.0160, -6.0970, -5.1450

Conversions

Conversions Part 2

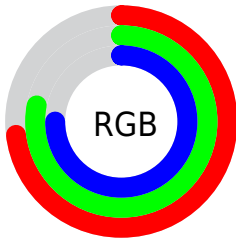
Format	Color
RYB	185, 194, 199
Decimal	12175296
CIELab	79.02, -6.10, 1.85
CIELCh	79, 6.372, 163.135
Yxy	54.9669, 0.3069, 0.3377
Android (android.graphics.Color)	4290365376 (0xFFB9C7C0)
YUV	194.0160, -0.9939, -7.9070
Hunter-Lab	74.1397, -9.4950, 5.6376

Details

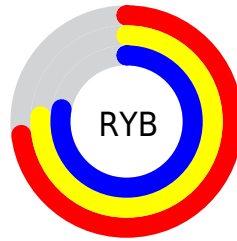
The XYZ color **49.9454, 54.9669, 57.8464** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.4186, 50.6472, 56.9903**, and the grayscale version is **51.2972, 53.9686, 58.7718**.

A 20% lighter version of the original color is **88.9789, 96.9981, 102.8397**, and **24.3013, 27.0204, 28.3607** is the 20% darker color. If you saturate the color by 10%, you get **44.4111, 52.2385, 52.0248**, and if you desaturate by 10%, it is **56.2294, 58.0762, 64.0947**.

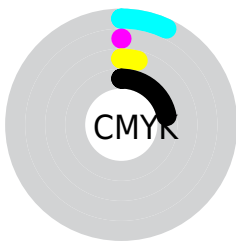
Distribution



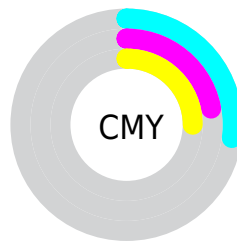
- Red (73%)
- Green (78%)
- Blue (75%)



- Red (73%)
- Yellow (76%)
- Blue (78%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)



- Cyan (27%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.9454, 54.9669, 57.8464 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 49.9454, 54.9669, 57.8464 by changing the saturation by 10% instead.

■ 49.9454, 54.9669,
57.8464

■ 49.9454, 54.9669,
57.8464

376.9079,
405.7864, 434.1956

■ 35.5876, 39.3752,
41.2713

■ 89.2863, 97.4925,
103.2117

■ 24.2845, 27.0518,
28.2098

115.0001,
125.1951, 132.8390

■ 15.6707, 17.6121,
18.2435

145.2300,
157.7036, 167.6541

■ 9.3808, 10.6719,
10.9537

180.3413,
195.4022, 208.0755

■ 5.0495, 5.8466,
5.9219

220.6994,
238.6754, 254.5219

■ 2.3114, 2.7520,
2.7296

266.6696,

■ 0.8005, 1.0037,

287.9076, 307.4116

0.9583

318.6173,
343.4831, 367.1634

■ 0.0000, 0.0000,
0.0000

■ 49.9454, 54.9669,
57.8464

■ 49.9454, 54.9669,
57.8464

■ 44.4111, 52.2385,
52.0248

■ 56.2294, 58.0762,
64.0947

■ 39.5925, 49.8692,
46.6173

■ 63.2860, 61.5735,
70.7747

■ 35.4602, 47.8453,
41.6157

■ 71.1429, 65.4743,
77.8962

■ 31.9804, 46.1497,
37.0104

■ 76.2031, 67.9244,
85.2977

■ 29.1167, 44.7639,
32.7911

■ 77.6560, 68.5056,
92.9483

■ 26.8288, 43.6671,
28.9474

■ 79.1902, 69.1192,
101.0272

■ 25.0712, 42.8363,
25.4680

■ 79.7145, 69.3290,
103.7882

■ 23.7913, 42.2443,
22.3410

■ 22.9179, 41.8549,
19.5532

Harmonies

Analogous

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



50.5948, 54.9669, 54.8968



49.9454, 54.9669, 57.8464



49.9056, 54.9669, 61.4507

Triad

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



49.9454, 54.9669, 57.8464



52.8005, 54.9669, 66.9112



54.0441, 54.9669, 55.2007

Complementary

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



49.9454, 54.9669, 57.8464



50.4186, 50.6472, 56.9903

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.



54.6552, 54.9669, 58.2766



49.9454, 54.9669, 57.8464



53.9294, 54.9669, 65.0917

Square

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



49.9454, 54.9669, 57.8464



51.5402, 54.9669, 66.7846



54.6129, 54.9669, 61.8985



52.9550, 54.9669, 53.4121

Rectangle

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



49.9454, 54.9669, 57.8464



50.2290, 54.9669, 63.7487



54.6129, 54.9669, 61.8985



54.3130, 54.9669, 56.1129

Sweetspot

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



49.9469, 54.9692, 57.8476



92.7905, 98.8823, 106.6649



50.9797, 55.5891, 53.9425



19.8847, 21.1766, 22.8542



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.



49.9469, 54.9692, 57.8476



86.3396, 95.6944, 100.1447



50.7146, 55.2763, 61.8901



10.7149, 11.9748, 12.4487



14.6399, 26.8683, 12.3140



0.7298, 1.2868, 0.7756

Inverse Universe

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



50.4186, 50.6472, 56.9903



87.2852, 87.0284, 98.4257



49.6854, 50.3539, 53.1295



10.8514, 10.7239, 12.2006



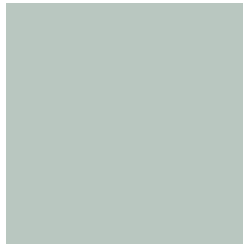
16.6537, 8.4111, 8.6524



0.8251, 0.4129, 0.6022

Previews

White Background



This preview shows how the XYZ color 49.9454, 54.9669, 57.8464 looks on a white background.

Color Contrast Check

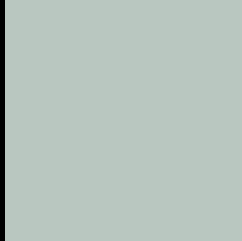
Large Text (above 18pt) WCAG AA × Fail

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 49.9454, 54.9669, 57.8464 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

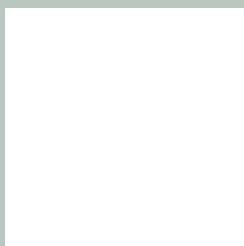
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.9454, 54.9669, 57.8464

Background



This preview shows how black text looks on a background with the XYZ color 49.9454, 54.9669, 57.8464.



This preview shows how white text looks on a background with the XYZ color 49.9454, 54.9669,

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

49.9454, 54.9669, 57.8464

Protanopia

52.6288, 55.0273, 56.5627

Deuteranopia

55.9595, 54.7373, 58.6549



Tritanopia

52.3626, 54.9247, 70.1291

Trichromacy



Original Color

49.9454, 54.9669, 57.8464

Protanomaly

51.6496, 54.8435, 57.1539

Deuteranomaly

53.5974, 54.8276, 58.2100

Tritanomaly

51.4792, 54.9051, 65.6421

Monochromacy



Original Color

49.9454, 54.9669, 57.8464

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.8514, 54.4065, 58.2734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.9454, 54.9669, 57.8464 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, 192) looks like.

```
.text, #text, p{  
    color:rgb(185, 199, 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(185, 199, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 199, 192) }
```

Border

The CSS property to change the border of an element to XYZ 49.9454, 54.9669, 57.8464 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, 192) }
```


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

```
.border{ border-color:rgb(185, 199, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 199, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 199, 192);  
box-shadow:4px 4px 4px 4px rgb(185, 199,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 49.9454, 54.9669, 57.8464 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, 192) }
```

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

```
.background{ background-color: rgb(185,  
199, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor