

Converting Colors

XYZ(48.3881, 54.2261, 54.8863)

Have a look what the booklet for
XYZ(48.3881, 54.2261, 54.8863)
contains.

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Color

**XYZ(48.4491, 54.2585,
54.9331)**

Conversions

Conversions Part 1

Format	Color
Hex	B5C7BB
RGB	181, 199, 187
RGB Percent	71%, 78%, 73%
CMY	0.2902, 0.2196, 0.2667
CMYK	0.09, 0.00, 0.06, 0.22
HSL	140°, 14%, 75%
HSV	140°, 9%, 78%
XYZ	48.4491, 54.2585, 54.9331
YIQ	192.2500, -6.8760, -7.5480

Conversions

Conversions Part 2

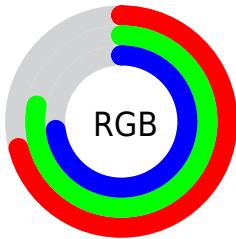
Format	Color
R_{YB}	181, 195, 199
Decimal	11913147
CIE Lab	78.61, -8.40, 3.91
CIE LCh	79, 9.266, 155.053
Yxy	54.2585, 0.3073, 0.3442
Android (android.graphics.Color)	4290103227 (0xFFB5C7BB)
YUV	192.2500, -2.5882, -9.8663
Hunter-Lab	73.6604, -11.4997, 7.3460

Details

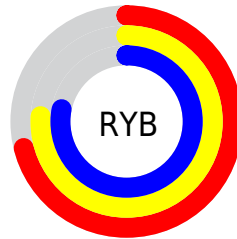
The XYZ color **48.4491, 54.2585, 54.9331** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.7047, 49.0414, 57.3008**, and the grayscale version is **50.2678, 52.8856, 57.5924**.

A 20% lighter version of the original color is **86.8627, 95.9956, 98.7449**, and **23.3306, 26.5612, 26.4514** is the 20% darker color. If you saturate the color by 10%, you get **42.7568, 51.4821, 47.5919**, and if you desaturate by 10%, it is **54.9423, 57.4356, 62.9992**.

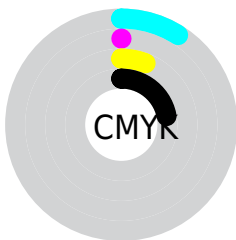
Distribution



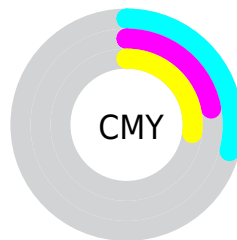
- Red (71%)
- Green (78%)
- Blue (73%)



- Red (71%)
- Yellow (76%)
- Blue (78%)



- Cyan (9%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)



- Cyan (29%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4491, 54.2585, 54.9331 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 48.4491, 54.2585, 54.9331 by changing the saturation by 10% instead.

■ 48.4491, 54.2585,
54.9331

■ 48.4491, 54.2585,
54.9331

371.1225,
403.0950, 422.9331

■ 34.3954, 38.8084,
38.9499

■ 87.0783, 96.4537,
98.9131

■ 23.3618, 26.6107,
26.4132

112.3846,
123.9675, 127.7470

■ 14.9831, 17.2810,
16.9045

142.1724,
156.2714, 161.7016

■ 8.8938, 10.4351,
10.0052

176.8072,
193.7497, 201.1953

■ 4.7285, 5.6884,
5.2968

216.6542,
236.7868, 246.6468

■ 2.1220, 2.6565,
2.3606

262.0789,

■ 0.7011, 0.9552,

285.7671, 298.4746

0.7649

313.4465,
341.0751, 357.0971

■ 0.0000, 0.0000,
0.0000

■ 48.4491, 54.2585,
54.9331

■ 48.4491, 54.2585,
54.9331

■ 42.7568, 51.4821,
47.5919

■ 54.9423, 57.4356,
62.9992

■ 37.8291, 49.0837,
40.9520

■ 62.2616, 61.0215,
71.8057

■ 33.6337, 47.0484,
34.9938

■ 70.4369, 65.0328,
81.3723

■ 30.1343, 45.3581,
29.6953

■ 77.4035, 68.4046,
91.6188

■ 27.2912, 43.9926,
25.0337

■ 79.4485, 69.2226,
102.3875

■ 25.0606, 42.9300,
20.9843

■ 79.7145, 69.3290,
103.7882

■ 23.3931, 42.1453,
17.5213

■ 22.2308, 41.6092,
14.6164

■ 21.4792, 41.2736,
12.2380

Harmonies

Analogous

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



49.5784, 54.2585, 51.2144



48.4491, 54.2585, 54.9331



48.1482, 54.2585, 59.9694

Triad

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



48.4491, 54.2585, 54.9331



51.8813, 54.2585, 69.6844



54.5025, 54.2585, 53.4829

Complementary

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



48.4491, 54.2585, 54.9331



49.7047, 49.0414, 57.3008

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.



55.1524, 54.2585, 58.1960



48.4491, 54.2585, 54.9331



53.6164, 54.2585, 67.7086

Square

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



48.4491, 54.2585, 54.9331



50.1026, 54.2585, 68.6843



54.8244, 54.2585, 63.4269



53.0679, 54.2585, 50.4125

Rectangle

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



48.4491, 54.2585, 54.9331



48.4517, 54.2585, 63.4446



54.8244, 54.2585, 63.4269



54.8215, 54.2585, 54.9170

Sweetspot

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



48.4506, 54.2608, 54.9343



91.4809, 98.2537, 104.5033



50.8349, 55.5626, 51.7620



19.3813, 20.9328, 22.1208



0.0000, 0.0000, 0.0000



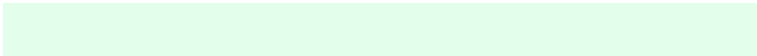
20.3446, 21.4041, 23.3091

Same Dimension

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



48.4506, 54.2608, 54.9343



82.6066, 93.9163, 93.3584



49.4110, 54.6449, 59.9914



10.6408, 11.9452, 12.0589



13.8078, 26.5355, 7.9327



0.6876, 1.2700, 0.5535

Inverse Universe

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



49.7047, 49.0414, 57.3008



85.2765, 82.8032, 98.3965



48.7619, 48.6643, 52.3366



10.9270, 10.7542, 12.5989



17.8952, 8.9076, 15.1899



0.8799, 0.4348, 0.8909

Previews

White Background



This preview shows how the XYZ color 48.4491, 54.2585, 54.9331 looks on a white background.

Color Contrast Check

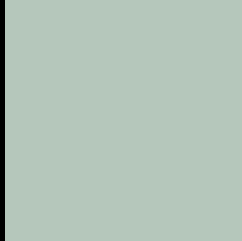
Large Text (above 18pt) WCAG AA × Fail

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 48.4491, 54.2585, 54.9331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

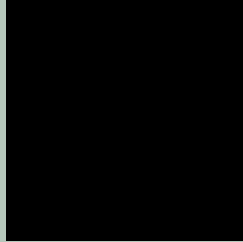
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.4491, 54.2585, 54.9331

Background



This preview shows how black text looks on a background with the XYZ color 48.4491, 54.2585, 54.9331.



This preview shows how white text looks on a background with the XYZ color 48.4491, 54.2585,

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

48.4491, 54.2585, 54.9331

Protanopia

51.5411, 53.8800, 53.0308

Deuteranopia

55.1929, 54.0876, 55.6751



Tritanopia

51.2806, 54.0476, 69.3575

Trichromacy



Original Color

48.4491, 54.2585, 54.9331

Protanomaly

50.2644, 53.8705, 53.6478

Deuteranomaly

52.5553, 54.0266, 55.2352

Tritanomaly

50.1678, 53.9345, 63.6434

Monochromacy



Original Color

48.4491, 54.2585, 54.9331

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.5484, 53.4393, 56.4185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4491, 54.2585, 54.9331 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(181, 199, 187)` looks like.

```
.text, #text, p{  
    color:rgb(181, 199, 187)  
}
```

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(181, 199, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 199, 187) }
```

Border

The CSS property to change the border of an element to XYZ 48.4491, 54.2585, 54.9331 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(181, 199, 187) }
```


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

```
.border{ border-color:rgb(181, 199, 187) }
```

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

Here you see how a box with a 4 pixel rgb(181, 199, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 199, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 199, 187);  
box-shadow:4px 4px 4px 4px rgb(181, 199,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4491, 54.2585, 54.9331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 199, 187) }
```

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

```
.background{ background-color: rgb(181,  
199, 187) }
```

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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