

Converting Colors

XYZ(47.8296, 54.9284, 49.2745)

Have a look what the booklet for
XYZ(47.8296, 54.9284, 49.2745)
contains.

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Color

**XYZ(48.0131, 55.1994,
49.1983)**

Conversions

Conversions Part 1

Format	Color
Hex	B5CAB0
RGB	181, 202, 176
RGB Percent	71%, 79%, 69%
CMY	0.2902, 0.2078, 0.3098
CMYK	0.10, 0.00, 0.13, 0.21
HSL	108°, 20%, 74%
HSV	108°, 13%, 79%
XYZ	48.0131, 55.1994, 49.1983
YIQ	192.7570, -4.1700, -12.5380

Conversions

Conversions Part 2

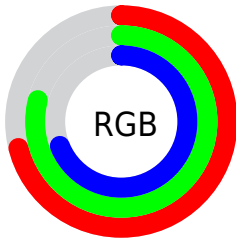
Format	Color
RYB	176, 202, 197
Decimal	11913904
CIELab	79.16, -11.95, 10.59
CIELCh	79, 15.965, 138.442
Yxy	55.1994, 0.3150, 0.3622
Android (android.graphics.Color)	4290103984 (0xFFB5CAB0)
YUV	192.7570, -8.2612, -10.3109
Hunter-Lab	74.2963, -14.6650, 12.7461

Details

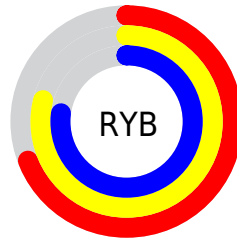
The XYZ color **48.0131, 55.1994, 49.1983** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.2141, 47.1868, 62.3940**, and the grayscale version is **50.5959, 53.2308, 57.9683**.

A 20% lighter version of the original color is **85.2505, 95.3507, 90.2553**, and **23.0671, 27.1991, 22.7731** is the 20% darker color. If you saturate the color by 10%, you get **42.5571, 52.6024, 39.2746**, and if you desaturate by 10%, it is **54.2177, 58.1512, 60.7120**.

Distribution



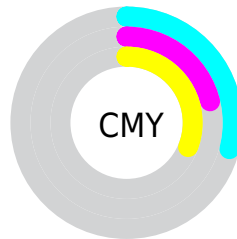
- Red (71%)
- Green (79%)
- Blue (69%)



- Red (69%)
- Yellow (79%)
- Blue (77%)



- Cyan (10%)
- Magenta (0%)
- Yellow (13%)
- Black (21%)





- Cyan (29%)
- Magenta (21%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.0131, 55.1994, 49.1983 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 48.0131, 55.1994, 49.1983 by changing the saturation by 10% instead.


 48.0131, 55.1994,
49.1983

 48.0131, 55.1994,
49.1983


369.4258,
406.6673, 400.1673

 34.0486, 39.5614,
34.4101


 86.4335, 97.8330,
90.3699

 23.0940, 27.1967,
22.9289


111.6200,
125.5975, 117.5905

 14.7840, 17.7210,
14.3362


141.2780,
158.1728, 149.7922

 8.7532, 10.7499,
8.2135


175.7726,
195.9435, 187.3936

 4.6364, 5.8989,
4.1421

215.4694,
239.2939, 230.8133

 2.0681, 2.7837,
1.7036

260.7336,

 0.6718, 1.0199,

288.6084, 280.4698

0.3632

311.9306,
344.2714, 336.7816

■ 0.0000, 0.0000,
0.0000

■ 48.0131, 55.1994,
49.1983

■ 48.0131, 55.1994,
49.1983

■ 42.5571, 52.6024,
39.2746

■ 54.2177, 58.1512,
60.7120

■ 37.8167, 50.3398,
30.8674

■ 61.1933, 61.4631,
73.8773

■ 33.7631, 48.4000,
23.9033

■ 68.9670, 65.1493,
88.7571

■ 30.3636, 46.7680,
18.3009

■ 77.2714, 69.1043,
103.8736

■ 27.5831, 45.4275,
13.9711

■ 80.4116, 70.7232,
104.0205

■ 25.3827, 44.3608,
10.8139

■ 23.7192, 43.5479,
8.7145

■ 22.5423, 42.9661,
7.5350

■ 21.9523, 42.6714,
7.0794

Harmonies

Analogous

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



50.5510, 55.1994, 44.9470



48.0131, 55.1994, 49.1983



46.6889, 55.1994, 56.6554

Triad

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



48.0131, 55.1994, 49.1983



51.2474, 55.1994, 78.9843



58.4946, 55.1994, 54.7211

Complementary

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



48.0131, 55.1994, 49.1983



49.2141, 47.1868, 62.3940

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.



58.6996, 55.1994, 63.6872



48.0131, 55.1994, 49.1983



54.4275, 55.1994, 78.3317

Square

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



48.0131, 55.1994, 49.1983



48.5052, 55.1994, 74.2117



57.1847, 55.1994, 72.5100



56.6355, 55.1994, 47.9059

Rectangle

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



48.0131, 55.1994, 49.1983



46.6355, 55.1994, 62.7158



57.1847, 55.1994, 72.5100



58.7620, 55.1994, 57.5633

Sweetspot

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



48.0146, 55.2018, 49.1995



90.4845, 97.8311, 100.3405



52.1168, 55.5354, 49.0477



19.1888, 20.8550, 21.1434



0.0000, 0.0000, 0.0000



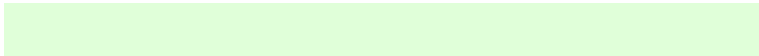
20.3446, 21.4041, 23.3091

Same Dimension

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



48.0146, 55.2018, 49.1995



79.0248, 92.3808, 79.1415



47.6575, 54.9259, 53.3289



11.2660, 12.6390, 11.9252



14.1824, 27.4866, 4.5580



0.7932, 1.4497, 0.2380

Inverse Universe

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



49.2141, 47.1868, 62.3940



81.3843, 76.6086, 105.1053



49.6445, 47.5127, 57.7133



11.4679, 11.2905, 14.1452



16.6725, 7.8025, 36.5836



0.9158, 0.4312, 1.8899

Previews

White Background



This preview shows how the XYZ color 48.0131, 55.1994, 49.1983 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 48.0131, 55.1994, 49.1983 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

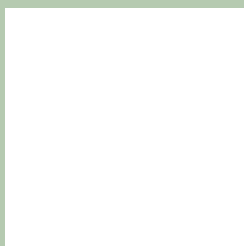
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.0131, 55.1994, 49.1983

Background



This preview shows how black text looks on a background with the XYZ color 48.0131, 55.1994, 49.1983.



This preview shows how white text looks on a background with the XYZ color 48.0131, 55.1994,

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

48.0131, 55.1994, 49.1983

Protanopia

52.1383, 54.9879, 46.8955

Deuteranopia

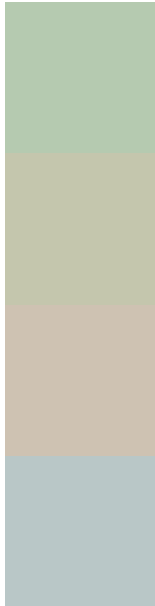
56.1531, 55.0220, 50.3086



Tritanopia

52.3434, 55.2508, 70.1930

Trichromacy



Original Color

48.0131, 55.1994, 49.1983

Protanomaly

50.5019, 55.1411, 47.5167

Deuteranomaly

52.7813, 54.9197, 49.9382

Tritanomaly

50.7398, 55.2847, 62.0296

Monochromacy



Original Color

48.0131, 55.1994, 49.1983

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.6958, 53.8865, 54.7956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0131, 55.1994, 49.1983 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, 202, 176)` looks like.

```
.text, #text, p{  
    color:rgb(181, 202, 176)  
}
```

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, 202, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 202, 176) }
```

Border

The CSS property to change the border of an element to XYZ 48.0131, 55.1994, 49.1983 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, 202, 176) }
```


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

```
.border{ border-color:rgb(181, 202, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 202, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 202, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 202, 176);  
box-shadow:4px 4px 4px 4px rgb(181, 202,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0131, 55.1994, 49.1983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 202, 176) }
```

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

```
.background{ background-color: rgb(181,  
202, 176) }
```

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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