

Converting Colors

XYZ(48.5946, 55.4985, 50.4337)

Have a look what the booklet for
XYZ(48.5946, 55.4985, 50.4337)
contains.

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Color

**XYZ(48.4478, 55.4005,
50.2594)**

Conversions

Conversions Part 1

Format	Color
Hex	B6CAB2
RGB	182, 202, 178
RGB Percent	71%, 79%, 70%
CMY	0.2863, 0.2078, 0.3020
CMYK	0.10, 0.00, 0.12, 0.21
HSL	110°, 18%, 75%
HSV	110°, 12%, 79%
XYZ	48.4478, 55.4005, 50.2594
YIQ	193.2840, -4.2160, -11.7040

Conversions

Conversions Part 2

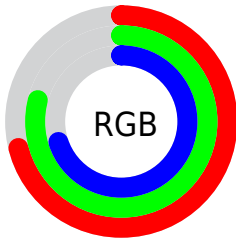
Format	Color
RYB	178, 202, 198
Decimal	11979442
CIELab	79.27, -11.25, 9.69
CIElCh	79, 14.848, 139.238
Yxy	55.4005, 0.3144, 0.3595
Android (android.graphics.Color)	4290169522 (0xFFB6CAB2)
YUV	193.2840, -7.5350, -9.8961
Hunter-Lab	74.4315, -14.0687, 12.0669

Details

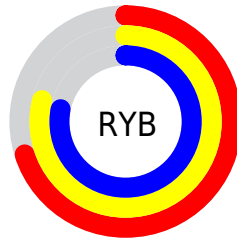
The XYZ color **48.4478, 55.4005, 50.2594** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.8720, 48.1124, 62.5381**, and the grayscale version is **50.9016, 53.5525, 58.3186**.

A 20% lighter version of the original color is **85.8712, 95.6377, 91.7759**, and **23.3448, 27.3276, 23.4464** is the 20% darker color. If you saturate the color by 10%, you get **42.8277, 52.7222, 40.1772**, and if you desaturate by 10%, it is **54.8476, 58.4494, 61.9395**.

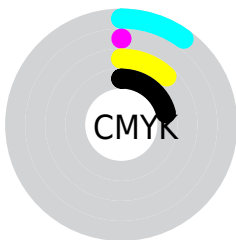
Distribution



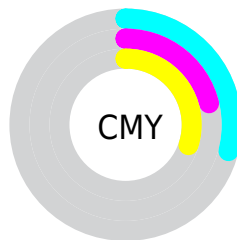
- Red (71%)
- Green (79%)
- Blue (70%)



- Red (70%)
- Yellow (79%)
- Blue (78%)



- Cyan (10%)
- Magenta (0%)
- Yellow (12%)
- Black (21%)



- Cyan (29%)
- Magenta (21%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4478, 55.4005, 50.2594 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 48.4478, 55.4005, 50.2594 by changing the saturation by 10% instead.

■ 48.4478, 55.4005,
50.2594

■ 48.4478, 55.4005,
50.2594

371.1175,
407.4283, 404.4436

■ 34.3944, 39.7225,
35.2469

■ 87.0764, 98.1275,
91.9594

■ 23.3611, 27.3222,
23.5681

112.3823,
125.9453, 119.4839

■ 14.9825, 17.8154,
14.8043

142.1698,
158.5784, 152.0163

■ 8.8933, 10.8175,
8.5371

176.8041,
196.4113, 189.9749

■ 4.7282, 5.9443,
4.3478

216.6507,
239.8283, 233.7785

■ 2.1218, 2.8112,
1.8180

262.0749,

■ 0.7010, 1.0340,

289.2139, 283.8454

0.4398

313.4420,
344.9524, 340.5942

■ 0.0000, 0.0000,
0.0000

■ 48.4478, 55.4005,
50.2594

■ 48.4478, 55.4005,
50.2594

■ 42.8277, 52.7222,
40.1772

■ 54.8476, 58.4494,
61.9395

■ 37.9530, 50.3936,
31.6201

■ 62.0509, 61.8751,
75.2789

■ 33.7933, 48.4021,
24.5147

■ 70.0859, 65.6923,
90.3402

■ 30.3145, 46.7320,
18.7806

■ 78.3598, 69.6655,
103.9245

■ 27.4796, 45.3662,
14.3293

■ 80.4116, 70.7233,
104.0205

■ 25.2479, 44.2857,
11.0619

■ 23.5739, 43.4696,
8.8654

■ 22.4054, 42.8939,
7.6044

■ 21.7701, 42.5775,
7.0709

Harmonies

Analogous

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



50.7969, 55.4005, 46.1581



48.4478, 55.4005, 50.2594



47.2423, 55.4005, 57.3184

Triad

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



48.4478, 55.4005, 50.2594



51.5971, 55.4005, 77.8609



58.2354, 55.4005, 55.0910

Complementary

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



48.4478, 55.4005, 50.2594



49.8720, 48.1124, 62.5381

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.



58.4693, 55.4005, 63.4281



48.4478, 55.4005, 50.2594



54.5609, 55.4005, 77.1215

Square

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



48.4478, 55.4005, 50.2594



49.0146, 55.4005, 73.5790



57.1022, 55.4005, 71.6447



56.4745, 55.4005, 48.7610

Rectangle

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



48.4478, 55.4005, 50.2594



47.2178, 55.4005, 62.9859



57.1022, 55.4005, 71.6447



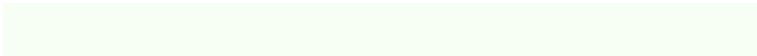
58.4976, 55.4005, 57.7338

Sweetspot

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



48.4493, 55.4029, 50.2606



90.3924, 97.7836, 100.3361



52.5895, 56.1617, 50.1889



19.1655, 20.8430, 21.1423



0.0000, 0.0000, 0.0000



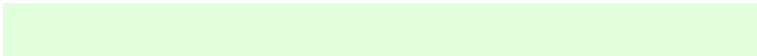
20.3446, 21.4041, 23.3091

Same Dimension

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



48.4493, 55.4029, 50.2606



79.7145, 92.6978, 80.9161



48.3453, 55.2537, 54.5728



11.2393, 12.6253, 11.9240



14.0593, 27.4231, 4.5522



0.7809, 1.4434, 0.2374

Inverse Universe

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



49.8720, 48.1124, 62.5381



82.5452, 78.1890, 105.3491



50.0171, 48.2939, 57.7265



11.4969, 11.3055, 14.1466



17.3632, 8.1586, 36.6159



0.9457, 0.4467, 1.8913

Previews

White Background



This preview shows how the XYZ color 48.4478, 55.4005, 50.2594 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 48.4478, 55.4005, 50.2594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

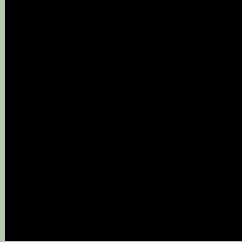
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.4478, 55.4005, 50.2594

Background



This preview shows how black text looks on a background with the XYZ color 48.4478, 55.4005, 50.2594.



This preview shows how white text looks on a background with the XYZ color 48.4478, 55.4005,

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

48.4478, 55.4005, 50.2594

Protanopia

52.4298, 55.1045, 48.4303

Deuteranopia

56.3569, 55.1035, 51.3818



Tritanopia

52.7155, 55.4280, 70.8711

Trichromacy



Original Color

48.4478, 55.4005, 50.2594

Protanomaly

51.0565, 55.3931, 49.0753

Deuteranomaly

53.2621, 55.1443, 51.0167

Tritanomaly

51.0985, 55.4561, 62.6545

Monochromacy



Original Color

48.4478, 55.4005, 50.2594

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.8033, 53.9295, 55.3615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4478, 55.4005, 50.2594 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(182, 202, 178)` looks like.

```
.text, #text, p{  
    color:rgb(182, 202, 178)  
}
```

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(182, 202, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 202, 178) }
```

Border

The CSS property to change the border of an element to XYZ 48.4478, 55.4005, 50.2594 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(182, 202, 178) }
```


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

```
.border{ border-color:rgb(182, 202, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 202, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 202, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 202, 178);  
box-shadow:4px 4px 4px 4px rgb(182, 202,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4478, 55.4005, 50.2594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 202, 178) }
```

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

```
.background{ background-color: rgb(182,  
202, 178) }
```

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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