

Converting Colors

XYZ(48.7846, 55.5992, 51.8274)

Have a look what the booklet for
XYZ(48.7846, 55.5992, 51.8274)
contains.

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Color

**XYZ(48.7524, 55.5223,
51.8634)**

Conversions

Conversions Part 1

Format	Color
Hex	B6CAB5
RGB	182, 202, 181
RGB Percent	71%, 79%, 71%
CMY	0.2863, 0.2078, 0.2902
CMYK	0.10, 0.00, 0.10, 0.21
HSL	117°, 17%, 75%
HSV	117°, 10%, 79%
XYZ	48.7524, 55.5223, 51.8634
YIQ	193.6260, -5.1790, -10.7710

Conversions

Conversions Part 2

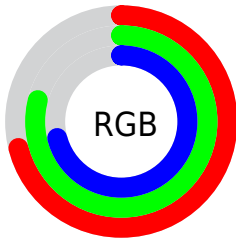
Format	Color
RYB	181, 202, 201
Decimal	11979445
CIELab	79.34, -10.71, 8.19
CIELCh	79, 13.482, 142.606
Yxy	55.5223, 0.3122, 0.3556
Android (android.graphics.Color)	4290169525 (0xFFB6CAB5)
YUV	193.6260, -6.2246, -10.1960
Hunter-Lab	74.5133, -13.6096, 10.8917

Details

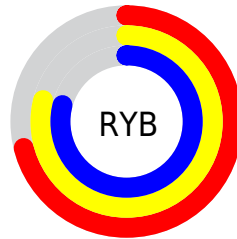
The XYZ color **48.7524, 55.5223, 51.8634** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.2741, 49.7310, 62.7765**, and the grayscale version is **51.0962, 53.7572, 58.5416**.

A 20% lighter version of the original color is **86.3060, 95.8116, 94.0654**, and **23.5394, 27.4054, 24.4712** is the 20% darker color. If you saturate the color by 10%, you get **42.5927, 52.5708, 41.5286**, and if you desaturate by 10%, it is **55.8400, 58.9206, 63.8127**.

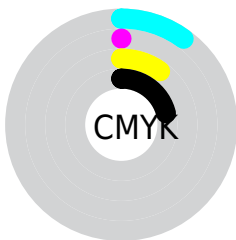
Distribution



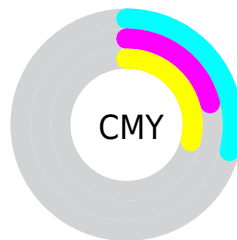
- Red (71%)
- Green (79%)
- Blue (71%)



- Red (71%)
- Yellow (79%)
- Blue (79%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.7524, 55.5223, 51.8634 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 48.7524, 55.5223, 51.8634 by changing the saturation by 10% instead.

■ 48.7524, 55.5223,
51.8634

■ 48.7524, 55.5223,
51.8634

372.2999,
407.8887, 410.8510

■ 34.6368, 39.8200,
36.5147

■ 87.5265, 98.3058,
94.3543

■ 23.5485, 27.3983,
24.5391

112.9158,
126.1558, 122.3336

■ 15.1219, 17.8726,
15.5181

142.7937,
158.8239, 155.3601

■ 8.9919, 10.8585,
9.0332

177.5256,
196.6944, 193.8525

■ 4.7930, 5.9718,
4.6657

217.4768,
240.1517, 238.2292

■ 2.1598, 2.8279,
1.9972

263.0127,

■ 0.7214, 1.0426,

289.5803, 288.9088

0.5536

314.4986,
345.3645, 346.3099

■ 0.0000, 0.0000,
0.0000

■ 48.7524, 55.5223,
51.8634

■ 48.7524, 55.5223,
51.8634

■ 42.5927, 52.5708,
41.5286

■ 55.8400, 58.9206,
63.8127

■ 37.3181, 50.0409,
32.7358

■ 63.8869, 62.7757,
77.4378

■ 32.8894, 47.9153,
25.4120

■ 72.9286, 67.1061,
92.8011

■ 29.2625, 46.1732,
19.4774

■ 80.4116, 70.7232,
104.0205

■ 26.3895, 44.7916,
14.8441

■ 24.2171, 43.7454,
11.4145

■ 22.6853, 43.0058,
9.0772

■ 21.7239, 42.5397,
7.7001

■ 21.2419, 42.3052,
7.0462

Harmonies

Analogous

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



50.8008, 55.5223, 47.7357



48.7524, 55.5223, 51.8634



47.7873, 55.5223, 58.5603

Triad

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



48.7524, 55.5223, 51.8634



52.1067, 55.5223, 76.4381



57.7138, 55.5223, 54.9148

Complementary

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



48.7524, 55.5223, 51.8634



51.2741, 49.7310, 62.7765

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.



58.0924, 55.5223, 62.3888



48.7524, 55.5223, 51.8634



54.7941, 55.5223, 75.2525

Square

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



48.7524, 55.5223, 51.8634



49.6805, 55.5223, 73.0592



57.0073, 55.5223, 69.9452



55.9897, 55.5223, 49.3897

Rectangle

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



48.7524, 55.5223, 51.8634



47.8641, 55.5223, 63.7593



57.0073, 55.5223, 69.9452



58.0050, 55.5223, 57.2656

Sweetspot

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



48.7539, 55.5247, 51.8646



91.2127, 98.1613, 102.4187



53.5750, 57.6455, 52.0199



19.3092, 20.9080, 21.5605



0.0000, 0.0000, 0.0000



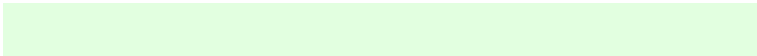
20.3446, 21.4041, 23.3091

Same Dimension

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



48.7539, 55.5247, 51.8646



80.5879, 93.0691, 84.5225



49.5219, 55.8047, 57.1364



11.1166, 12.5620, 11.9182



13.6896, 27.2325, 4.5349



0.7239, 1.4140, 0.2348

Inverse Universe

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



51.2741, 49.7310, 62.7765



85.5195, 81.7314, 105.8761



50.4584, 49.4359, 57.0738



11.6327, 11.3755, 14.1529



20.9333, 9.9990, 36.7830



1.0965, 0.5244, 1.8984

Previews

White Background



This preview shows how the XYZ color 48.7524, 55.5223, 51.8634 looks on a white background.

Color Contrast Check

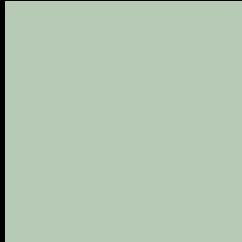
Large Text (above 18pt) WCAG AA × Fail

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 48.7524, 55.5223, 51.8634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

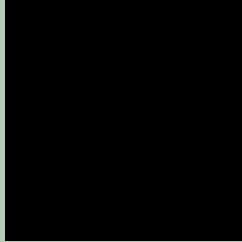
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

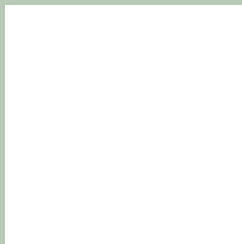
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.7524, 55.5223, 51.8634

Background



This preview shows how black text looks on a background with the XYZ color 48.7524, 55.5223, 51.8634.



This preview shows how white text looks on a background with the XYZ color 48.7524, 55.5223,

51.8634.

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

48.7524, 55.5223, 51.8634

Protanopia

52.6776, 55.5316, 50.0617

Deuteranopia

56.3645, 55.0715, 53.0065



Tritanopia

52.4700, 55.3014, 70.8596

Trichromacy



Original Color

48.7524, 55.5223, 51.8634

Protanomaly

51.0957, 55.3786, 50.6439

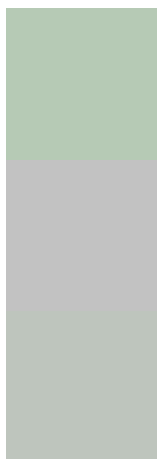
Deuteranomaly

53.2926, 55.1243, 52.6310

Tritanomaly

50.9736, 55.3782, 63.2608

Monochromacy



Original Color

48.7524, 55.5223, 51.8634

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.3868, 54.5538, 56.0184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7524, 55.5223, 51.8634 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(182, 202, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 202, 181) }
```

Border

The CSS property to change the border of an element to XYZ 48.7524, 55.5223, 51.8634 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, 181) }
```


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

```
.border{ border-color:rgb(182, 202, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 202, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 202, 181);  
box-shadow:4px 4px 4px 4px rgb(182, 202,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7524, 55.5223, 51.8634 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, 181) }
```

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

```
.background{ background-color: rgb(182,  
202, 181) }
```

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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