

Converting Colors

XYZ(48.9370, 55.6830, 52.5632)

Have a look what the booklet for
XYZ(48.9370, 55.6830, 52.5632)
contains.

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Color

**XYZ(48.8554, 55.5635,
52.4058)**

Conversions

Conversions Part 1

Format	Color
Hex	B6CAB6
RGB	182, 202, 182
RGB Percent	71%, 79%, 71%
CMY	0.2863, 0.2078, 0.2863
CMYK	0.10, 0.00, 0.10, 0.21
HSL	120°, 16%, 75%
HSV	120°, 10%, 79%
XYZ	48.8554, 55.5635, 52.4058
YIQ	193.7400, -5.5000, -10.4600

Conversions

Conversions Part 2

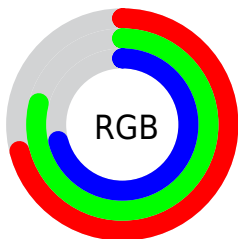
Format	Color
RYB	182, 202, 202
Decimal	11979446
CIELab	79.36, -10.53, 7.69
CIElCh	79, 13.038, 143.879
Yxy	55.5635, 0.3115, 0.3543
Android (android.graphics.Color)	4290169526 (0xFFB6CAB6)
YUV	193.7400, -5.7878, -10.2960
Hunter-Lab	74.5409, -13.4547, 10.4950

Details

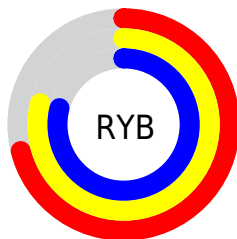
The XYZ color **48.8554, 55.5635, 52.4058** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.7477, 50.2780, 62.8570**, and the grayscale version is **51.1612, 53.8255, 58.6160**.

A 20% lighter version of the original color is **86.4525, 95.8702, 94.8372**, and **23.6056, 27.4319, 24.8196** is the 20% darker color. If you saturate the color by 10%, you get **42.4854, 52.5053, 41.9852**, and if you desaturate by 10%, it is **56.2179, 59.1017, 64.4471**.

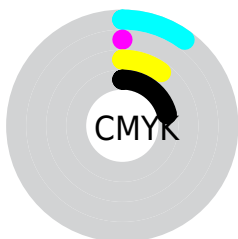
Distribution



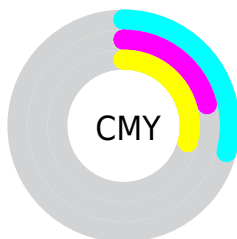
- Red (71%)
- Green (79%)
- Blue (71%)



- 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 48.8554, 55.5635, 52.4058 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 48.8554, 55.5635, 52.4058 by changing the saturation by 10% instead.


 48.8554, 55.5635,
52.4058

 48.8554, 55.5635,
52.4058


372.6992,
408.0444, 413.0027

 34.7188, 39.8531,
36.9442


 87.6787, 98.3661,
95.1621

 23.6119, 27.4240,
24.8688


113.0961,
126.2270, 123.2938

 15.1691, 17.8919,
15.7612

143.0045,
158.9069, 156.4860

 9.0253, 10.8724,
9.2028

177.7693,
196.7901, 195.1572

 4.8149, 5.9811,
4.7751

217.7558,
240.2611, 239.7259

 2.1727, 2.8336,
2.0595

263.3294,

 0.7283, 1.0455,

289.7042, 290.6107

0.5915

314.8554,
345.5039, 348.2301

■ 0.0000, 0.0000,
0.0000

■ 48.8554, 55.5635,
52.4058

■ 48.8554, 55.5635,
52.4058

■ 42.4854, 52.5053,
41.9852

■ 56.2179, 59.1017,
64.4471

■ 37.0610, 49.8997,
33.1127

■ 64.6079, 63.1319,
78.1704

■ 32.5387, 47.7274,
25.7157

■ 74.0643, 67.6743,
93.6381

■ 28.8696, 45.9649,
19.7141

■ 80.4116, 70.7232,
104.0205

■ 26.0001, 44.5866,
15.0204

■ 23.8706, 43.5637,
11.5373

■ 22.4134, 42.8637,
9.1536

■ 21.5481, 42.4481,
7.7382

■ 21.1252, 42.2449,
7.0464

Harmonies

Analogous

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



50.8033, 55.5635, 48.2706



48.8554, 55.5635, 52.4058



47.9709, 55.5635, 58.9775

Triad

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



48.8554, 55.5635, 52.4058



52.2774, 55.5635, 75.9666



57.5410, 55.5635, 54.8585

Complementary

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



48.8554, 55.5635, 52.4058



51.7477, 50.2780, 62.8570

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.



57.9671, 55.5635, 62.0468



48.8554, 55.5635, 52.4058



54.8718, 55.5635, 74.6362

Square

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



48.8554, 55.5635, 52.4058



49.9042, 55.5635, 72.8848



56.9755, 55.5635, 69.3857



55.8295, 55.5635, 49.6028

Rectangle

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



48.8554, 55.5635, 52.4058



48.0817, 55.5635, 64.0173



56.9755, 55.5635, 69.3857



57.8416, 55.5635, 57.1124

Sweetspot

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



48.8569, 55.5659, 52.4070



91.0839, 98.0949, 102.4128



53.9236, 58.1778, 52.6440



19.2746, 20.8901, 21.5589



0.0000, 0.0000, 0.0000



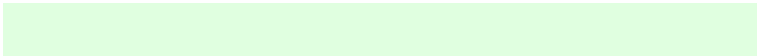
20.3446, 21.4041, 23.3091

Same Dimension

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



48.8569, 55.5659, 52.4070



80.1335, 92.8349, 84.5015



49.9280, 55.9943, 58.0473



11.0681, 12.5370, 11.9160



13.5908, 27.1816, 4.5303



0.7011, 1.4023, 0.2337

Inverse Universe

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



51.7477, 50.2780, 62.8570



86.0532, 82.0065, 105.9007



50.6013, 49.8195, 56.8200



11.6876, 11.4038, 14.1555



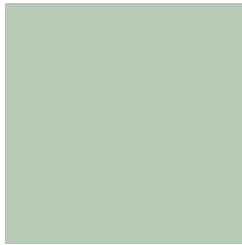
22.5333, 10.8239, 36.8568



1.1625, 0.5584, 1.9014

Previews

White Background



This preview shows how the XYZ color 48.8554, 55.5635, 52.4058 looks on a white background.

Color Contrast Check

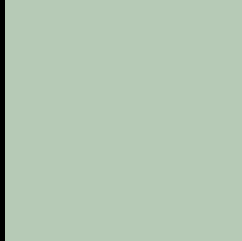
Large Text (above 18pt) WCAG AA × Fail

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 48.8554, 55.5635, 52.4058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

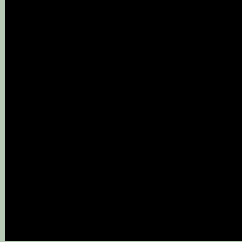
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

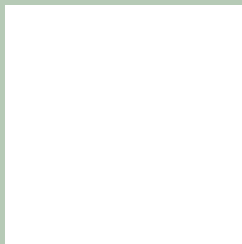
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.8554, 55.5635, 52.4058

Background



This preview shows how black text looks on a background with the XYZ color 48.8554, 55.5635, 52.4058.



This preview shows how white text looks on a background with the XYZ color 48.8554, 55.5635,

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

48.8554, 55.5635, 52.4058

Protanopia

52.7785, 55.5719, 50.5926

Deuteranopia

56.6856, 55.5453, 53.6326



Tritanopia

52.4700, 55.3014, 70.8596

Trichromacy



Original Color

48.8554, 55.5635, 52.4058

Protanomaly

51.1973, 55.4192, 51.1786

Deuteranomaly

53.3971, 55.1661, 53.1812

Tritanomaly

51.0917, 55.4254, 63.8825

Monochromacy



Original Color

48.8554, 55.5635, 52.4058

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.4957, 54.5974, 56.5921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8554, 55.5635, 52.4058 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, 182)` looks like.

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

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, 182) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 48.8554, 55.5635, 52.4058 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, 182) }
```


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

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

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, 182)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 48.8554, 55.5635, 52.4058 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, 182) }
```

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

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

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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