

Converting Colors

XYZ(48.3788, 55.4353, 58.5631)

Have a look what the booklet for
XYZ(48.3788, 55.4353, 58.5631)
contains.

XYZ(48.4371, 55.5608, 58.6235)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(48.4371, 55.5608,
58.6235)**

Conversions

Conversions Part 1

Format	Color
Hex	AECBC1
RGB	174, 203, 193
RGB Percent	68%, 80%, 76%
CMY	0.3176, 0.2039, 0.2431
CMYK	0.14, 0.00, 0.05, 0.20
HSL	159°, 22%, 74%
HSV	159°, 14%, 80%
XYZ	48.4371, 55.5608, 58.6235
YIQ	193.1890, -14.0740, -9.2580

Conversions

Conversions Part 2

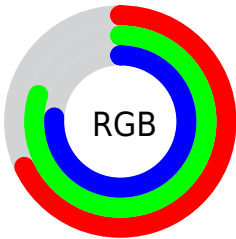
Format	Color
RYB	174, 192, 203
Decimal	11455425
CIELab	79.36, -11.67, 1.71
CIELCh	79, 11.796, 171.643
Yxy	55.5608, 0.2979, 0.3417
Android (android.graphics.Color)	4289645505 (0xFFAECBC1)
YUV	193.1890, -0.0932, -16.8288
Hunter-Lab	74.5391, -14.4504, 5.5470

Details

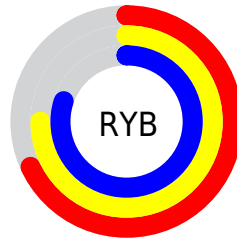
The XYZ color **48.4371, 55.5608, 58.6235** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.4183, 46.4307, 51.7599**, and the grayscale version is **50.8074, 53.4534, 58.2107**.

A 20% lighter version of the original color is **85.4920, 95.1825, 103.4887**, and **23.3662, 27.4533, 28.8784** is the 20% darker color. If you saturate the color by 10%, you get **43.4895, 53.0999, 54.4116**, and if you desaturate by 10%, it is **54.1084, 58.3936, 63.0647**.

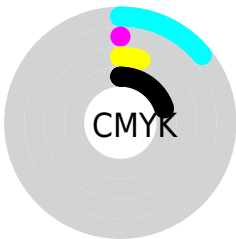
Distribution



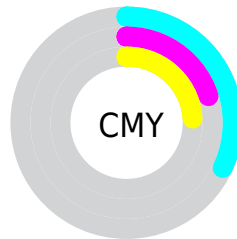
- Red (68%)
- Green (80%)
- Blue (76%)



- Red (68%)
- Yellow (75%)
- Blue (80%)



- Cyan (14%)
- Magenta (0%)
- Yellow (5%)
- Black (20%)



- Cyan (32%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4371, 55.5608, 58.6235 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 48.4371, 55.5608, 58.6235 by changing the saturation by 10% instead.

■ 48.4371, 55.5608,
58.6235

■ 48.4371, 55.5608,
58.6235

371.0759,
408.0342, 437.1682

■ 34.3859, 39.8509,
41.8921

■ 87.0606, 98.3621,
104.3540

■ 23.3545, 27.4223,
28.6919

112.3636,
126.2223, 134.1902

■ 14.9776, 17.8906,
18.6043

142.1478,
158.9015, 169.2317

■ 8.8899, 10.8715,
11.2108

176.7787,
196.7839, 209.8971

■ 4.7260, 5.9805,
6.0928

216.6217,
240.2539, 256.6049

■ 2.1205, 2.8332,
2.8319

262.0419,

■ 0.7003, 1.0453,

289.6961, 309.7736

1.0095

313.4049,
345.4947, 369.8219

■ 0.0000, 0.0000,
0.0000

■ 48.4371, 55.5608,
58.6235

■ 48.4371, 55.5608,
58.6235

■ 43.4895, 53.0999,
54.4116

■ 54.1084, 58.3936,
63.0647

■ 39.2298, 50.9878,
50.4211

■ 60.5277, 61.6061,
67.7354

■ 35.6260, 49.2098,
46.6490


■ 67.7242, 65.2149,
72.6406


■ 32.6421, 47.7471,
43.0909


■ 75.6491, 69.1948,
77.7806


■ 30.2379, 46.5794,
39.7421

■ 76.6018, 69.5759,
82.7974


 28.3687, 45.6835,
36.5977


 77.5939, 69.9727,
88.0215


 26.9829, 45.0328,
33.6521

 78.6258, 70.3855,
93.4554

 26.0177, 44.5951,
30.8995

 79.6979, 70.8144,
99.1014

 25.5899, 44.4071,
29.4093

 80.6470, 71.1940,
104.0990

Harmonies

Analogous

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



49.3233, 55.5608, 52.7704



48.4371, 55.5608, 58.6235



48.6946, 55.5608, 65.4270

Triad

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



48.4371, 55.5608, 58.6235



54.5036, 55.5608, 73.4243



55.6808, 55.5608, 50.8494

Complementary

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



48.4371, 55.5608, 58.6235



48.4183, 46.4307, 51.7599

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.



57.1486, 55.5608, 55.8197



48.4371, 55.5608, 58.6235



56.4549, 55.5608, 68.9416

Square

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



48.4371, 55.5608, 58.6235



52.1508, 55.5608, 74.3151



57.4361, 55.5608, 62.4085



53.4724, 55.5608, 48.5063

Rectangle

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



48.4371, 55.5608, 58.6235



49.4836, 55.5608, 69.5676



57.4361, 55.5608, 62.4085



56.2799, 55.5608, 52.2499

Sweetspot

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



48.4387, 55.5631, 58.6247



90.8351, 97.8920, 105.7733



48.8008, 55.9792, 48.2781



19.2778, 20.8706, 22.5155



0.0000, 0.0000, 0.0000



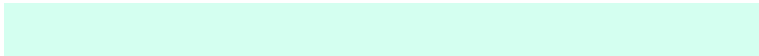
20.3446, 21.4041, 23.3091

Same Dimension

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



48.4387, 55.5631, 58.6247



78.5460, 91.7593, 96.0477



48.5798, 53.9986, 64.3650



11.3725, 12.6587, 13.5190



16.3288, 28.2768, 18.9482



0.8772, 1.4727, 1.1610

Inverse Universe

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



48.4183, 46.4307, 51.7599



78.5062, 73.6962, 82.4718



48.2604, 47.7342, 46.7151



11.3694, 11.2765, 12.4797



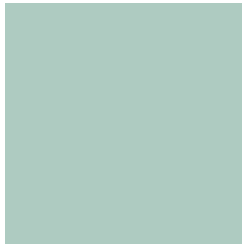
16.4162, 8.3771, 4.6443



0.8825, 0.4464, 0.4269

Previews

White Background



This preview shows how the XYZ color 48.4371, 55.5608, 58.6235 looks on a white background.

Color Contrast Check

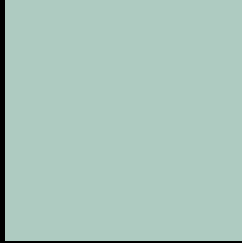
Large Text (above 18pt) WCAG AA × Fail

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 48.4371, 55.5608, 58.6235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

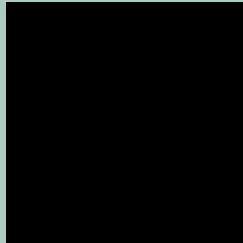
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

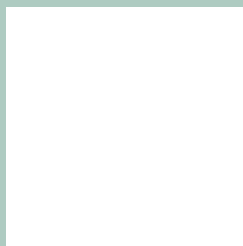
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.4371, 55.5608, 58.6235

Background



This preview shows how black text looks on a background with the XYZ color 48.4371, 55.5608, 58.6235.



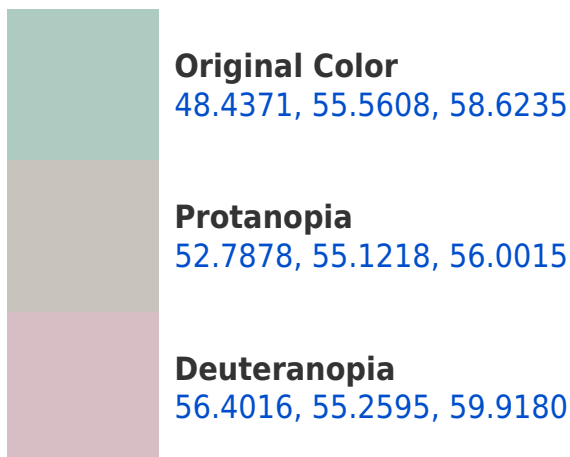
This preview shows how white text looks on a background with the XYZ color 48.4371, 55.5608,

58.6235.

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





Tritanopia

51.4090, 55.7314, 73.0134

Trichromacy



Original Color

48.4371, 55.5608, 58.6235

Protanomaly

50.9742, 55.1822, 56.6798

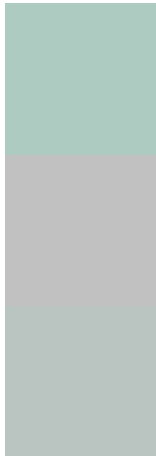
Deuteranomaly

53.1849, 55.2497, 59.4909

Tritanomaly

50.4033, 55.6745, 67.7642

Monochromacy



Original Color

48.4371, 55.5608, 58.6235

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.8416, 54.2219, 58.2910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4371, 55.5608, 58.6235 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(174, 203, 193)` looks like.

```
.text, #text, p{  
    color:rgb(174, 203, 193)  
}
```

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(174, 203, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 203, 193) }
```

Border

The CSS property to change the border of an element to XYZ 48.4371, 55.5608, 58.6235 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(174, 203, 193) }
```


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

```
.border{ border-color:rgb(174, 203, 193) }
```

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

Here you see how a box with a 4 pixel rgb(174, 203, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 203, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 203, 193);  
box-shadow:4px 4px 4px 4px rgb(174, 203,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4371, 55.5608, 58.6235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 203, 193) }
```

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

```
.background{ background-color: rgb(174,  
203, 193) }
```

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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