

Converting Colors

XYZ(48.0402, 55.9148, 65.3874)

Have a look what the booklet for
XYZ(48.0402, 55.9148, 65.3874)
contains.

| | |
|--|----|
| XYZ(48.0402, 55.9148, 65.3874) | 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(48.0402, 55.9148,
65.3874)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A4CDCC |
| RGB | 164, 205, 204 |
| RGB Percent | 64%, 80%, 80% |
| CMY | 0.3569, 0.1961, 0.2000 |
| CMYK | 0.20, 0.00, 0.00, 0.20 |
| HSL | 179°, 29%, 72% |
| HSV | 179°, 20%, 80% |
| XYZ | 48.0402, 55.9148, 65.3874 |
| YIQ | 192.6270, -24.1150, -9.0030 |

Conversions

Conversions Part 2

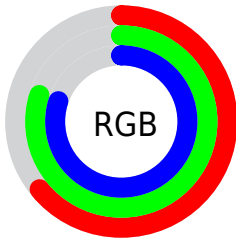
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 164, 185, 205 |
| Decimal | 10800588 |
| CIELab | 79.57, -13.64, -3.97 |
| CIELCh | 80, 14.202, 196.226 |
| Yxy | 55.9148, 0.2837, 0.3302 |
| Android (android.graphics.Color) | 4288990668 (0xFFA4CDCC) |
| YUV | 192.6270, 5.6069, -25.1059 |
| Hunter-Lab | 74.7762, -16.1805, 0.4977 |

Details

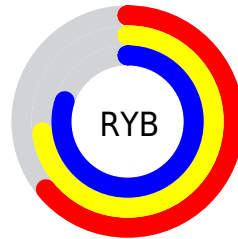
The XYZ color **48.0402, 55.9148, 65.3874** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.2458, 42.2481, 41.3695**, and the grayscale version is **50.4492, 53.0765, 57.8003**.

A 20% lighter version of the original color is **83.3252, 93.9556, 108.3513**, and **23.1272, 27.7147, 32.9847** is the 20% darker color. If you saturate the color by 10%, you get **44.0862, 53.8849, 64.8901**, and if you desaturate by 10%, it is **52.6796, 58.3010, 65.9202**.

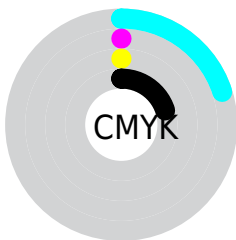
Distribution



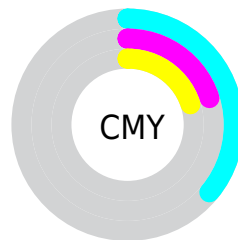
- Red (64%)
- Green (80%)
- Blue (80%)



- Red (64%)
- Yellow (73%)
- Blue (80%)



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



- Cyan (36%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.0402, 55.9148, 65.3874 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 48.0402, 55.9148, 65.3874 by changing the saturation by 10% instead.

■ 48.0402, 55.9148,
65.3874

■ 48.0402, 55.9148,
65.3874

369.5314,
409.3703, 462.5271

■ 34.0701, 40.1346,
47.3219

■ 86.4736, 98.8800,
114.2252

■ 23.1106, 27.6435,
32.9341

■ 111.6676,
126.8338, 145.8347

■ 14.7963, 18.0571,
21.8052

141.3336,
159.6143, 182.7959

■ 8.7620, 10.9910,
13.5169

175.8370,
197.6058, 225.5274

■ 4.6421, 6.0608,
7.6506

215.5431,
241.1928, 274.4477

■ 2.0714, 2.8821,
3.7876

260.8173,

■ 0.6736, 1.0705,

290.7596, 329.9754

1.5096

312.0250,
346.6906, 392.5290

■ 0.0000, 0.0000,
0.2250

■ 0.0000, 0.0000,
0.0000

■ 48.0402, 55.9148,
65.3874

■ 48.0402, 55.9148,
65.3874

■ 44.0862, 53.8849,
64.8901

■ 52.6796, 58.3010,
65.9202

■ 40.7802, 52.1874,
64.4229

■ 58.0299, 61.0522,
66.4860

■ 38.0884, 50.8067,
63.9855

■ 64.1214, 64.1855,
67.0876

■ 35.9722, 49.7226,
63.5761

■ 70.9810, 67.7147,
67.7261

■ 34.3886, 48.9131,
63.1925

■ 74.2748, 69.4057,
68.1988

■ 33.2886, 48.3528,
62.8327

■ 74.3360, 69.4302,
68.5212

■ 32.6140, 48.0119,
62.4937

■ 74.3974, 69.4547,
68.8446

■ 32.2565, 47.8344,
62.1706

■ 74.4591, 69.4794,
69.1690

■ 74.5209, 69.5041,
69.4945

Harmonies

Analogous

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



47.9833, 55.9148, 57.2099



48.0402, 55.9148, 65.3874



49.4325, 55.9148, 72.9712

Triad

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



48.0402, 55.9148, 65.3874



57.2141, 55.9148, 72.4351



54.4649, 55.9148, 46.8360

Complementary

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



48.0402, 55.9148, 65.3874



45.2458, 42.2481, 41.3695

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.



57.0396, 55.9148, 50.2072



48.0402, 55.9148, 65.3874



58.6649, 55.9148, 64.7074

Square

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



48.0402, 55.9148, 65.3874



54.6962, 55.9148, 77.2828



58.5999, 55.9148, 56.5879



51.6241, 55.9148, 46.9826

Rectangle

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



48.0402, 55.9148, 65.3874



50.9600, 55.9148, 76.4548



58.5999, 55.9148, 56.5879



55.3923, 55.9148, 47.5814

Sweetspot

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



48.0418, 55.9171, 65.3887



89.5832, 97.1887, 108.3300



44.1272, 54.3840, 43.2942



19.0528, 20.7398, 23.1741



0.0000, 0.0000, 0.0000



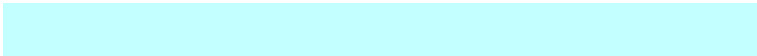
20.3446, 21.4041, 23.3091

Same Dimension

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



48.0418, 55.9171, 65.3887



75.7667, 90.0869, 106.7445



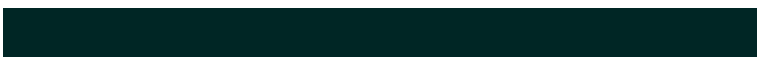
43.8617, 47.3637, 64.5907



11.5310, 12.7221, 14.3535



20.0854, 29.7795, 38.7304



1.0400, 1.5378, 2.0183

Inverse Universe

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



45.2458, 42.2481, 41.3695



70.3712, 63.7082, 60.3938



48.8406, 49.5834, 42.1192



11.2233, 11.2180, 11.7103



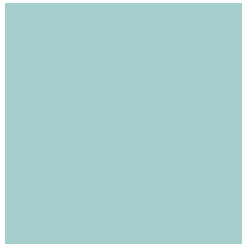
15.6957, 8.0889, 0.8505



0.8137, 0.4189, 0.0648

Previews

White Background



This preview shows how the XYZ color 48.0402, 55.9148, 65.3874 looks on a white background.

Color Contrast Check

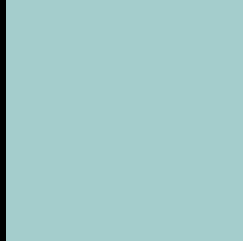
Large Text (above 18pt) WCAG AA × Fail

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 48.0402, 55.9148, 65.3874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

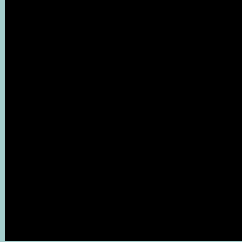
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

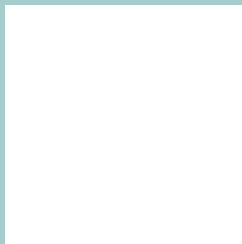
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.0402, 55.9148, 65.3874

Background



This preview shows how black text looks on a background with the XYZ color 48.0402, 55.9148, 65.3874.



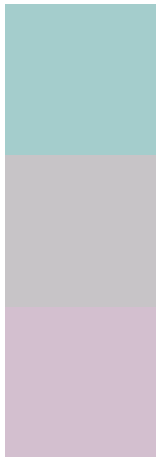
This preview shows how white text looks on a background with the XYZ color 48.0402, 55.9148,

65.3874.

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

48.0402, 55.9148, 65.3874

Protanopia

53.6019, 55.7455, 61.9677

Deuteranopia

56.7573, 55.6155, 66.7749



Tritanopia

50.0785, 56.0418, 75.1956

Trichromacy



Original Color

48.0402, 55.9148, 65.3874

Protanomaly

51.2157, 55.5030, 63.2721

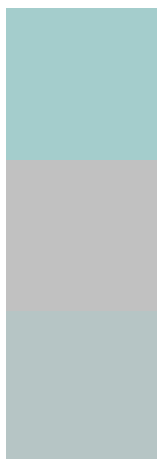
Deuteranomaly

53.1286, 55.4054, 66.2867

Tritanomaly

49.4563, 56.1478, 71.8493

Monochromacy



Original Color

48.0402, 55.9148, 65.3874

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.3357, 53.9088, 60.6285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0402, 55.9148, 65.3874 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(164, 205, 204)` looks like.

```
.text, #text, p{  
    color:rgb(164, 205, 204)  
}
```

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(164, 205, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 205, 204) }
```

Border

The CSS property to change the border of an element to XYZ 48.0402, 55.9148, 65.3874 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(164, 205, 204) }
```


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

```
.border{ border-color:rgb(164, 205, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 205, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 205, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 205, 204);  
box-shadow:4px 4px 4px 4px rgb(164, 205,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0402, 55.9148, 65.3874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 205, 204) }
```

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

```
.background{ background-color: rgb(164,  
205, 204) }
```

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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