

Converting Colors

XYZ(48.0864, 55.8394, 69.8717)

Have a look what the booklet for
XYZ(48.0864, 55.8394, 69.8717)
contains.

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Color

**XYZ(48.0864, 55.8394,
69.8717)**

Conversions

Conversions Part 1

Format	Color
Hex	A0CDD3
RGB	160, 205, 211
RGB Percent	63%, 80%, 83%
CMY	0.3725, 0.1961, 0.1725
CMYK	0.24, 0.03, 0.00, 0.17
HSL	187°, 37%, 73%
HSV	187°, 24%, 83%
XYZ	48.0864, 55.8394, 69.8717
YIQ	192.2290, -28.7460, -7.6740

Conversions

Conversions Part 2

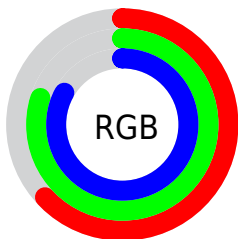
Format	Color
RYB	160, 184, 211
Decimal	10538451
CIELab	79.52, -13.32, -7.81
CIELCh	80, 15.446, 210.394
Yxy	55.8394, 0.2767, 0.3213
Android (android.graphics.Color)	4288728531 (0xFFA0CDD3)
YUV	192.2290, 9.2541, -28.2648
Hunter-Lab	74.7258, -15.9045, -3.1306

Details

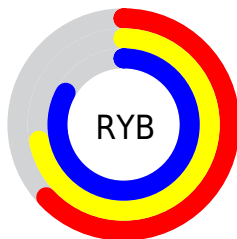
The XYZ color **48.0864, 55.8394, 69.8717** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.8459, 43.6596, 39.2169**, and the grayscale version is **50.1977, 52.8118, 57.5121**.

A 20% lighter version of the original color is **82.1289, 93.3389, 108.2953**, and **23.2158, 27.6933, 36.0200** is the 20% darker color. If you saturate the color by 10%, you get **43.6326, 52.6706, 69.4957**, and if you desaturate by 10%, it is **53.2688, 59.4006, 70.2869**.

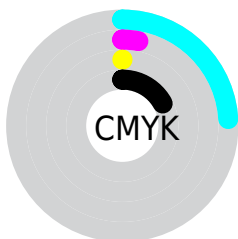
Distribution



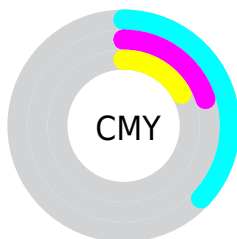
- Red (63%)
- Green (80%)
- Blue (83%)



- Red (63%)
- Yellow (72%)
- Blue (83%)



- Cyan (24%)
- Magenta (3%)
- Yellow (0%)
- Black (17%)



- Cyan (37%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.0864, 55.8394, 69.8717 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 48.0864, 55.8394, 69.8717 by changing the saturation by 10% instead.

■ 48.0864, 55.8394,
69.8717

■ 48.0864, 55.8394,
69.8717

369.7114,
409.0860, 478.8763

■ 34.1068, 40.0742,
50.9458

■ 86.5419, 98.7697,
120.7052

■ 23.1390, 27.5964,
35.7890

■ 111.7487,
126.7036, 153.4498

■ 14.8174, 18.0216,
23.9829

141.4285,
159.4625, 191.6378

■ 8.7768, 10.9655,
15.1089

175.9467,
197.4308, 235.6876

■ 4.6518, 6.0437,
8.7483

215.6688,
240.9929, 286.0178

■ 2.0771, 2.8716,
4.4828

260.9600,

■ 0.6767, 1.0651,

290.5332, 343.0470

1.8938

312.1858,
346.4361, 407.1937

■ 0.0000, 0.0000,
0.4888

■ 0.0000, 0.0000,
0.0000

■ 48.0864, 55.8394,
69.8717

■ 48.0864, 55.8394,
69.8717

■ 43.6326, 52.6706,
69.4957

■ 53.2688, 59.4006,
70.2869

■ 39.8663, 49.8687,
69.1534

■ 59.2084, 63.3648,
70.7390

■ 36.7498, 47.4157,
68.8442

■ 65.9385, 67.7506,
71.2308

■ 34.2398, 45.2890,
68.5660

■ 73.4887, 72.5734,
71.7638

■ 32.2876, 43.4637,
68.3166

■ 77.9169, 75.8009,
72.1533

■ 30.8368, 41.9105,
68.0932

■ 78.5629, 77.0929,
72.3687

■ 29.8192, 40.5942,
67.8928

■ 79.2186, 78.4043,
72.5872

■ 29.3567, 39.9004,
67.7833

■ 79.8840, 79.7351,
72.8090

■ 80.5591, 81.0853,
73.0341

Harmonies

Analogous

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



47.3220, 55.8394, 60.9173



48.0864, 55.8394, 69.8717



50.1771, 55.8394, 76.9185

Triad

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



48.0864, 55.8394, 69.8717



58.4382, 55.8394, 69.6484



53.0326, 55.8394, 45.2476

Complementary

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



48.0864, 55.8394, 69.8717



46.8459, 43.6596, 39.2169

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.



56.0796, 55.8394, 47.1063



48.0864, 55.8394, 69.8717



59.2735, 55.8394, 60.6821

Square

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



48.0864, 55.8394, 69.8717



56.1534, 55.8394, 76.7810



58.3944, 55.8394, 52.5489



50.1086, 55.8394, 47.2056

Rectangle

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



48.0864, 55.8394, 69.8717



52.0832, 55.8394, 79.2740



58.3944, 55.8394, 52.5489



54.0767, 55.8394, 45.4446

Sweetspot

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



48.0880, 55.8417, 69.8730



88.1192, 95.4384, 108.3848



44.6709, 56.8145, 44.6653



18.7393, 20.3468, 23.1896



0.0000, 0.0000, 0.0000



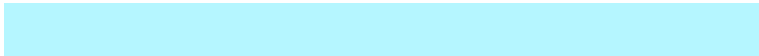
20.3446, 21.4041, 23.3091

Same Dimension

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



48.0880, 55.8417, 69.8730



70.1660, 83.1463, 106.9584



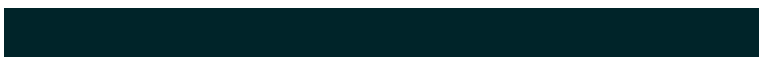
42.4867, 44.6390, 68.0059



12.0348, 13.1598, 15.1494



17.7657, 24.1780, 40.9230



1.0277, 1.4206, 2.2996

Inverse Universe

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



50.4555, 43.3995, 63.4779



74.4553, 61.0006, 95.2835



51.9392, 53.8462, 40.9147



12.2484, 11.9841, 14.5841



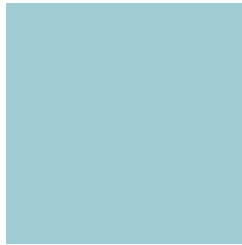
21.5980, 10.5121, 29.1191



1.2250, 0.5947, 1.7195

Previews

White Background



This preview shows how the XYZ color 48.0864, 55.8394, 69.8717 looks on a white background.

Color Contrast Check

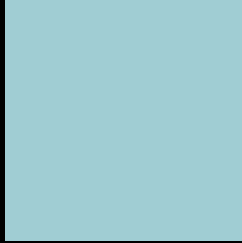
Large Text (above 18pt) WCAG AA × Fail

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 48.0864, 55.8394, 69.8717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

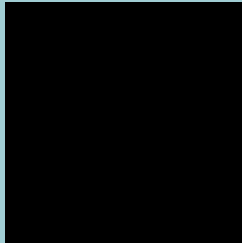
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

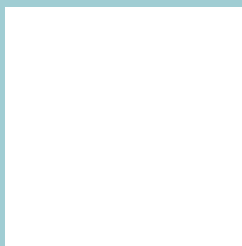
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.0864, 55.8394, 69.8717

Background



This preview shows how black text looks on a background with the XYZ color 48.0864, 55.8394, 69.8717.



This preview shows how white text looks on a background with the XYZ color 48.0864, 55.8394,

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

48.0864, 55.8394, 69.8717

Protanopia

53.5605, 55.3083, 65.6102

Deuteranopia

56.7808, 55.5265, 71.3434



Tritanopia

49.4114, 56.0344, 75.9216

Trichromacy



Original Color

48.0864, 55.8394, 69.8717

Protanomaly

51.4531, 55.5422, 67.0403

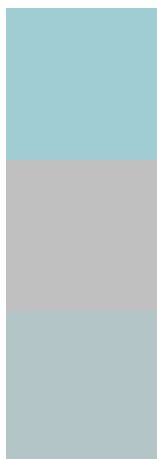
Deuteranomaly

53.2360, 55.3603, 70.8306

Tritanomaly

48.8152, 55.7726, 73.8380

Monochromacy



Original Color

48.0864, 55.8394, 69.8717

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.0974, 53.7593, 61.8217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0864, 55.8394, 69.8717 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(160, 205, 211)` looks like.

```
.text, #text, p{  
    color:rgb(160, 205, 211)  
}
```

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(160, 205, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 205, 211) }
```

Border

The CSS property to change the border of an element to XYZ 48.0864, 55.8394, 69.8717 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(160, 205, 211) }
```


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

```
.border{ border-color:rgb(160, 205, 211) }
```

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

Here you see how a box with a 4 pixel rgb(160, 205, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 205, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 205, 211);  
box-shadow:4px 4px 4px 4px rgb(160, 205,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0864, 55.8394, 69.8717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 205, 211) }
```

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

```
.background{ background-color: rgb(160,  
205, 211) }
```

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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