

Converting Colors

XYZ(48.8664, 55.7790, 57.0743)

Have a look what the booklet for
XYZ(48.8664, 55.7790, 57.0743)
contains.

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Color

**XYZ(48.7817, 55.7767,
56.9101)**

Conversions

Conversions Part 1

Format	Color
Hex	B1CBBE
RGB	177, 203, 190
RGB Percent	69%, 80%, 75%
CMY	0.3059, 0.2039, 0.2549
CMYK	0.13, 0.00, 0.06, 0.20
HSL	150°, 20%, 75%
HSV	150°, 13%, 80%
XYZ	48.7817, 55.7767, 56.9101
YIQ	193.7440, -11.3230, -9.5550

Conversions

Conversions Part 2

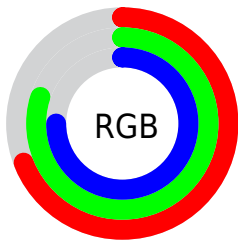
Format	Color
RYB	177, 194, 203
Decimal	11652030
CIELab	79.49, -11.26, 3.53
CIElCh	79, 11.798, 162.600
Yxy	55.7767, 0.3021, 0.3454
Android (android.graphics.Color)	4289842110 (0xFFB1CBBE)
YUV	193.7440, -1.8458, -14.6845
Hunter-Lab	74.6838, -14.1047, 7.0989

Details

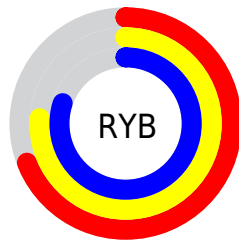
The XYZ color **48.7817, 55.7767, 56.9101** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.6471, 47.8600, 55.3391**, and the grayscale version is **51.1435, 53.8070, 58.5958**.

A 20% lighter version of the original color is **85.9988, 95.4975, 101.0890**, and **23.5750, 27.5861, 27.7490** is the 20% darker color. If you saturate the color by 10%, you get **43.4263, 53.1412, 51.0684**, and if you desaturate by 10%, it is **54.9054, 58.8024, 63.1935**.

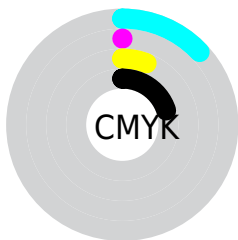
Distribution



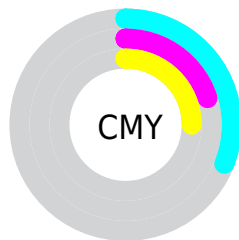
- Red (69%)
- Green (80%)
- Blue (75%)



- Red (69%)
- Yellow (76%)
- Blue (80%)



- Cyan (13%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)



- Cyan (31%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.7817, 55.7767, 56.9101 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 48.7817, 55.7767, 56.9101 by changing the saturation by 10% instead.

■ 48.7817, 55.7767,
56.9101

■ 48.7817, 55.7767,
56.9101

372.4135,
408.8494, 430.5967

■ 34.6602, 40.0239,
40.5242

■ 87.5698, 98.6780,
101.8330

■ 23.5665, 27.5572,
27.6306

112.9671,
126.5953, 131.2071

■ 15.1354, 17.9921,
17.8108

142.8537,
159.3363, 165.7477

■ 9.0014, 10.9443,
10.6462

177.5949,
197.2853, 205.8733

■ 4.7992, 6.0294,
5.7183

217.5562,
240.8267, 252.0025

■ 2.1635, 2.8630,
2.6085

263.1028,

■ 0.7234, 1.0606,

290.3449, 304.5537

0.8969

314.6001,
346.2244, 363.9456

■ 0.0000, 0.0000,
0.0000

■ 48.7817, 55.7767,
56.9101

■ 48.7817, 55.7767,
56.9101

■ 43.4263, 53.1412,
51.0684

■ 54.9054, 58.8024,
63.1935

■ 38.8028, 50.8727,
45.6552

■ 61.8225, 62.2265,
69.9243

■ 34.8784, 48.9561,
40.6616

■ 69.5631, 66.0658,
77.1127

■ 31.6163, 47.3725,
36.0771

■ 76.9654, 69.7213,
84.7119

■ 28.9759, 46.1013,
31.8910

■ 78.4382, 70.3104,
92.4674

■ 26.9121, 45.1193,
28.0917

■ 79.9954, 70.9333,
100.6679

■ 25.3729, 44.4000,
24.6671

■ 80.6470, 71.1940,
104.0990

■ 24.2965, 43.9118,
21.6040

■ 23.7300, 43.6632,
19.6153

Harmonies

Analogous

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



49.9877, 55.7767, 51.6187



48.7817, 55.7767, 56.9101



48.6883, 55.7767, 63.6243

Triad

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



48.7817, 55.7767, 56.9101



54.0148, 55.7767, 74.3851



56.4412, 55.7767, 52.3155

Complementary

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



48.7817, 55.7767, 56.9101



49.6471, 47.8600, 55.3391

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.



57.5888, 55.7767, 57.9274



48.7817, 55.7767, 56.9101



56.1602, 55.7767, 70.8579

Square

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



48.7817, 55.7767, 56.9101



51.6625, 55.7767, 74.0616



57.4844, 55.7767, 64.7199



54.3891, 55.7767, 49.1050

Rectangle

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



48.7817, 55.7767, 56.9101



49.2654, 55.7767, 68.0409



57.4844, 55.7767, 64.7199



56.9482, 55.7767, 53.9650

Sweetspot

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



48.7833, 55.7791, 56.9113



90.5860, 97.7923, 104.4612



50.6374, 56.8918, 49.9082



19.2147, 20.8454, 22.1833



0.0000, 0.0000, 0.0000



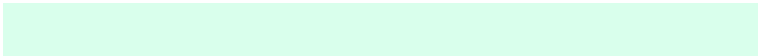
20.3446, 21.4041, 23.3091

Same Dimension

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



48.7833, 55.7791, 56.9113



79.4228, 92.2822, 92.8861



50.2173, 56.3527, 64.4627



11.2980, 12.6290, 13.1268



15.1469, 27.8041, 12.7247



0.8197, 1.4497, 0.8582

Inverse Universe

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



49.6471, 47.8600, 55.3391



81.1110, 76.8059, 89.8135



48.3315, 47.3338, 48.4117



11.4424, 11.3057, 12.8641



17.2304, 8.7028, 8.9320



0.9272, 0.4643, 0.6626

Previews

White Background



This preview shows how the XYZ color 48.7817, 55.7767, 56.9101 looks on a white background.

Color Contrast Check

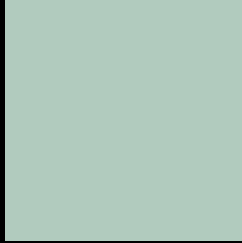
Large Text (above 18pt) WCAG AA × Fail

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 48.7817, 55.7767, 56.9101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

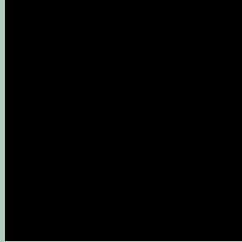
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.7817, 55.7767, 56.9101

Background



This preview shows how black text looks on a background with the XYZ color 48.7817, 55.7767, 56.9101.



This preview shows how white text looks on a background with the XYZ color 48.7817, 55.7767,

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

48.7817, 55.7767, 56.9101

Protanopia

53.2315, 55.7215, 54.4041

Deuteranopia

56.6544, 55.4289, 58.1649



Tritanopia

51.7452, 55.5769, 72.2901

Trichromacy



Original Color

48.7817, 55.7767, 56.9101

Protanomaly

51.6412, 55.9040, 55.0825

Deuteranomaly

53.3867, 55.3925, 57.7472

Tritanomaly

50.6172, 55.4681, 66.4311

Monochromacy



Original Color

48.7817, 55.7767, 56.9101

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.3309, 54.4741, 58.3139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7817, 55.7767, 56.9101 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(177, 203, 190)` looks like.

```
.text, #text, p{  
    color:rgb(177, 203, 190)  
}
```

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(177, 203, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 203, 190) }
```

Border

The CSS property to change the border of an element to XYZ 48.7817, 55.7767, 56.9101 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(177, 203, 190) }
```


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

```
.border{ border-color:rgb(177, 203, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 203, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 203, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 203, 190); box-shadow:4px 4px 4px 4px rgb(177, 203, 190) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7817, 55.7767, 56.9101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 203, 190) }
```

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

```
.background{ background-color: rgb(177,  
203, 190) }
```

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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