

Converting Colors

XYZ(48.4525, 58.6549, 60.6486)

Have a look what the booklet for
XYZ(48.4525, 58.6549, 60.6486)
contains.

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Color

**XYZ(48.4981, 58.8136,
60.4258)**

Conversions

Conversions Part 1

Format	Color
Hex	A3D4C3
RGB	163, 212, 195
RGB Percent	64%, 83%, 76%
CMY	0.3608, 0.1686, 0.2353
CMYK	0.23, 0.00, 0.08, 0.17
HSL	159°, 36%, 74%
HSV	159°, 23%, 83%
XYZ	48.4981, 58.8136, 60.4258
YIQ	195.4110, -23.7470, -15.6750

Conversions

Conversions Part 2

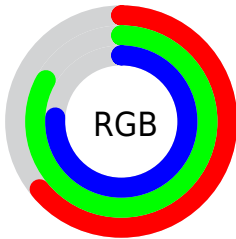
Format	Color
RYB	163, 193, 212
Decimal	10736835
CIELab	81.19, -19.37, 3.21
CIElCh	81, 19.638, 170.587
Yxy	58.8136, 0.2891, 0.3506
Android (android.graphics.Color)	4288926915 (0xFFA3D4C3)
YUV	195.4110, -0.2026, -28.4244
Hunter-Lab	76.6900, -21.3257, 6.9671

Details

The XYZ color **48.4981, 58.8136, 60.4258** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.4889, 43.4883, 49.0211**, and the grayscale version is **52.1296, 54.8444, 59.7255**.

A 20% lighter version of the original color is **82.5441, 93.6083, 105.8131**, and **23.2951, 29.3520, 29.6370** is the 20% darker color. If you saturate the color by 10%, you get **43.7048, 56.4379, 55.9670**, and if you desaturate by 10%, it is **54.0634, 61.5857, 65.1372**.

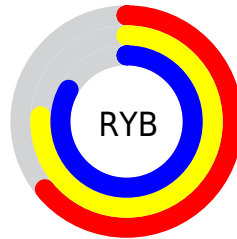
Distribution



Red (64%)

Green (83%)

Blue (76%)



Red (64%)

Yellow (76%)

Blue (83%)

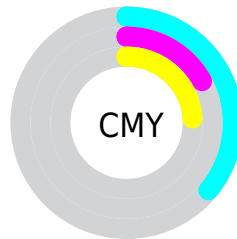


Cyan (23%)

Magenta (0%)

Yellow (8%)

Black (17%)



Cyan (36%)


Magenta (17%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.4981, 58.8136, 60.4258 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 48.4981, 58.8136, 60.4258 by changing the saturation by 10% instead.


 48.4981, 58.8136,
60.4258


 48.4981, 58.8136,
60.4258


371.3129,
420.2108, 444.0136

 34.4344, 42.4631,
43.3344


 87.1508, 103.1067,
106.9965

 23.3920, 29.4641,
29.8142


 112.4705,
131.8181, 137.3129

 15.0055, 19.4322,
19.4468


142.2729,
165.4185, 172.8747

 8.9096, 11.9830,
11.8135

176.9233,
204.2925, 214.1004

 4.7389, 6.7321,
6.4958

216.7872,
248.8243, 261.4086

 2.1281, 3.2951,
3.0752

262.2299,

 0.7044, 1.2877,

299.3983, 315.2179

1.1332

313.6166,
356.3990, 375.9467

■ 0.0000, 0.1316,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.4981, 58.8136,
60.4258

■ 48.4981, 58.8136,
60.4258

■ 43.7048, 56.4379,
55.9670

■ 54.0634, 61.5857,
65.1372

■ 39.6417, 54.4324,
51.7519

■ 60.4299, 64.7645,
70.1018

■ 36.2704, 52.7789,
47.7770

■ 67.6316, 68.3689,
75.3252

■ 33.5471, 51.4549,
44.0371

■ 75.6988, 72.4147,
80.8119

■ 31.4225, 50.4352,
40.5265

■ 79.3191, 74.1629,
86.3160

■ 29.8401, 49.6905,
37.2392

■ 80.3849, 74.5892,
91.9288

■ 28.7317, 49.1859,
34.1688

■ 81.4951, 75.0333,
97.7746

■ 28.1642, 48.9369,
32.1748

■ 82.6499, 75.4952,
103.8562

■ 82.8345, 75.5691,
104.8282

Harmonies

Analogous

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



50.0442, 58.8136, 50.7805



48.4981, 58.8136, 60.4258



48.8594, 58.8136, 72.2855

Triad

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



48.4981, 58.8136, 60.4258



58.7107, 58.8136, 87.5118



61.0419, 58.8136, 48.1709

Complementary

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



48.4981, 58.8136, 60.4258



48.4889, 43.4883, 49.0211

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.



63.5877, 58.8136, 56.4430



48.4981, 58.8136, 60.4258



62.1969, 58.8136, 79.4228

Square

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



48.4981, 58.8136, 60.4258



54.6246, 58.8136, 88.9164



64.0204, 58.8136, 67.7914



57.1962, 58.8136, 44.2956

Rectangle

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



48.4981, 58.8136, 60.4258



50.1404, 58.8136, 79.8313



64.0204, 58.8136, 67.7914



62.0858, 58.8136, 50.4785

Sweetspot

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



48.4998, 58.8160, 60.4271



87.8039, 96.3778, 103.4394



49.0136, 59.4552, 43.5441



18.6662, 20.5652, 22.0415



0.0000, 0.0000, 0.0000



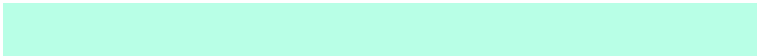
20.3446, 21.4041, 23.3091

Same Dimension

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



48.4998, 58.8160, 60.4271



69.7461, 87.3869, 88.2206



48.7375, 56.0377, 70.5377



12.6006, 14.0313, 14.9774



17.4353, 30.2295, 20.1196



1.0900, 1.8386, 1.4155

Inverse Universe

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



48.4889, 43.4883, 49.0211



69.7288, 59.9475, 67.8121



48.2046, 45.5239, 40.8977



12.5994, 12.4912, 13.8305



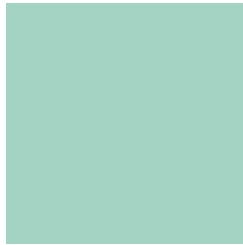
17.5587, 8.9598, 4.9800



1.0975, 0.5558, 0.5029

Previews

White Background



This preview shows how the XYZ color 48.4981, 58.8136, 60.4258 looks on a white background.

Color Contrast Check

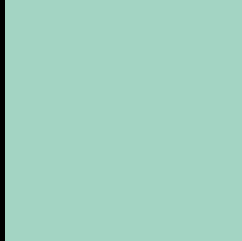
Large Text (above 18pt) WCAG AA × Fail

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 48.4981, 58.8136, 60.4258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

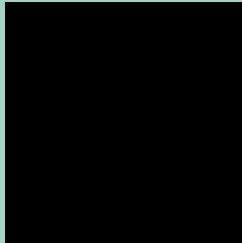
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

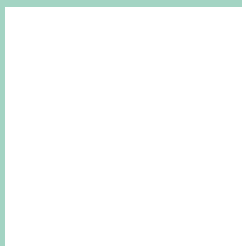
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.4981, 58.8136, 60.4258

Background



This preview shows how black text looks on a background with the XYZ color 48.4981, 58.8136, 60.4258.



This preview shows how white text looks on a background with the XYZ color 48.4981, 58.8136,

60.4258.

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

48.4981, 58.8136, 60.4258

Protanopia

55.8520, 58.3926, 56.4713

Deuteranopia

59.6427, 58.5259, 62.1859



Tritanopia

52.3726, 58.9286, 79.1350

Trichromacy



Original Color

48.4981, 58.8136, 60.4258

Protanomaly

52.7351, 58.1538, 57.7356

Deuteranomaly

54.8991, 58.1299, 61.7528

Tritanomaly

50.7471, 58.6205, 71.5910

Monochromacy



Original Color

48.4981, 58.8136, 60.4258

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.2654, 55.7807, 59.7472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4981, 58.8136, 60.4258 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(163, 212, 195)` looks like.

```
.text, #text, p{  
    color:rgb(163, 212, 195)  
}
```

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(163, 212, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 212, 195) }
```

Border

The CSS property to change the border of an element to XYZ 48.4981, 58.8136, 60.4258 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(163, 212, 195) }
```


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

```
.border{ border-color:rgb(163, 212, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 212, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 212, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 212, 195);  
box-shadow:4px 4px 4px 4px rgb(163, 212,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4981, 58.8136, 60.4258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 212, 195) }
```

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

```
.background{ background-color: rgb(163,  
212, 195) }
```

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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