

Converting Colors

XYZ(48.1416, 58.3754, 54.3527)

Have a look what the booklet for
XYZ(48.1416, 58.3754, 54.3527)
contains.

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Color

**XYZ(48.1997, 58.4161,
54.6340)**

Conversions

Conversions Part 1

Format	Color
Hex	A8D3B9
RGB	168, 211, 185
RGB Percent	66%, 83%, 73%
CMY	0.3412, 0.1725, 0.2745
CMYK	0.20, 0.00, 0.12, 0.17
HSL	144°, 33%, 74%
HSV	144°, 20%, 83%
XYZ	48.1997, 58.4161, 54.6340
YIQ	195.1790, -17.2820, -17.2020

Conversions

Conversions Part 2

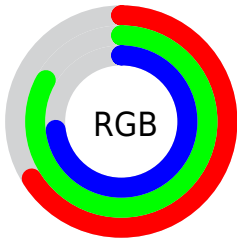
Format	Color
RYB	168, 199, 211
Decimal	11064249
CIELab	80.97, -19.25, 8.26
CIELCh	81, 20.947, 156.770
Yxy	58.4161, 0.2989, 0.3623
Android (android.graphics.Color)	4289254329 (0xFFA8D3B9)
YUV	195.1790, -5.0182, -23.8360
Hunter-Lab	76.4304, -21.1849, 11.1196

Details

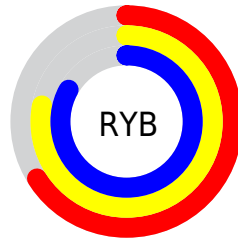
The XYZ color **48.1997, 58.4161, 54.6340** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.6063, 45.7507, 57.2051**, and the grayscale version is **52.0161, 54.7250, 59.5955**.

A 20% lighter version of the original color is **82.3777, 93.7182, 96.9667**, and **23.1236, 29.0877, 26.2255** is the 20% darker color. If you saturate the color by 10%, you get **42.7800, 55.7725, 47.6625**, and if you desaturate by 10%, it is **54.4724, 61.4887, 62.2790**.

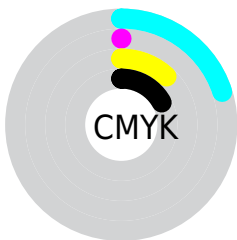
Distribution



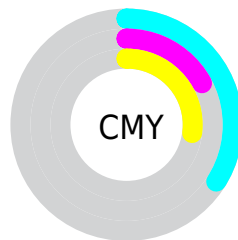
- Red (66%)
- Green (83%)
- Blue (73%)



- Red (66%)
- Yellow (78%)
- Blue (83%)



- Cyan (20%)
- Magenta (0%)
- Yellow (12%)
- Black (17%)





- Cyan (34%)
- Magenta (17%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.1997, 58.4161, 54.6340 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 48.1997, 58.4161, 54.6340 by changing the saturation by 10% instead.


 48.1997, 58.4161,
54.6340


 48.1997, 58.4161,
54.6340


370.1526,
418.7346, 421.7658

 34.1970, 42.1433,
38.7121


 86.7096, 102.5285,
98.4703

 23.2086, 29.2135,
26.2298


 111.9474,
131.1369, 127.2218

 14.8691, 19.2424,
16.7683


141.6610,
164.6260, 161.0869

 8.8133, 11.8455,
9.9092

176.2157,
203.3801, 200.4842

 4.6757, 6.6386,
5.2340

215.9768,
247.7836, 245.8322

 2.0911, 3.2371,
2.3241

261.3098,

 0.6844, 1.2567,

298.2209, 297.5494

0.7447

312.5799,
355.0765, 356.0545

■ 0.0000, 0.1073,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.1997, 58.4161,
54.6340

■ 48.1997, 58.4161,
54.6340

■ 42.7800, 55.7725,
47.6625

■ 54.4724, 61.4887,
62.2790

■ 38.1703, 53.5312,
41.3422

■ 61.6291, 65.0012,
70.6110

■ 34.3308, 51.6738,
35.6553

■ 69.7051, 68.9728,
79.6483

■ 31.2165, 50.1774,
30.5817

■ 78.7323, 73.4198,
89.4073

■ 28.7773, 49.0166,
26.1002

■ 81.6025, 74.6775,
99.5695

■ 26.9565, 48.1626,
22.1882

■ 82.5853, 75.0707,
104.7451

■ 25.6870, 47.5813,
18.8217

■ 24.8727, 47.2216,
16.0716

Harmonies

Analogous

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



50.6742, 58.4161, 46.3123



48.1997, 58.4161, 54.6340



47.6390, 58.4161, 66.4653

Triad

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



48.1997, 58.4161, 54.6340



56.5126, 58.4161, 90.4217



62.4816, 58.4161, 50.3408

Complementary

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



48.1997, 58.4161, 54.6340



50.6063, 45.7507, 57.2051

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.



64.2316, 58.4161, 60.8284



48.1997, 58.4161, 54.6340



60.6711, 58.4161, 84.7421

Square

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



48.1997, 58.4161, 54.6340



52.2949, 58.4161, 88.2004



63.5523, 58.4161, 73.5084



58.8808, 58.4161, 44.0686

Rectangle

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



48.1997, 58.4161, 54.6340



48.3983, 58.4161, 74.9922



63.5523, 58.4161, 73.5084



63.3142, 58.4161, 53.4335

Sweetspot

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



48.2013, 58.4185, 54.6353



88.1894, 96.6312, 100.9901



52.7452, 60.9561, 46.0324



18.7229, 20.6079, 21.4368



0.0000, 0.0000, 0.0000



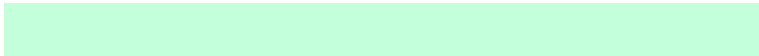
20.3446, 21.4041, 23.3091

Same Dimension

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



48.2013, 58.4185, 54.6353



70.6109, 88.0245, 79.5942



50.5832, 59.3713, 67.1782



11.8471, 13.2826, 13.5512



15.0572, 28.5158, 9.9475



0.8805, 1.6099, 0.7596

Inverse Universe

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



50.6063, 45.7507, 57.2051



74.8838, 65.5132, 84.1564



48.4128, 44.8733, 45.6545



12.1046, 11.9266, 13.8267



18.5991, 9.3125, 13.3271



1.0784, 0.5361, 0.9478

Previews

White Background



This preview shows how the XYZ color 48.1997, 58.4161, 54.6340 looks on a white background.

Color Contrast Check

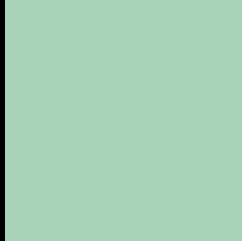
Large Text (above 18pt) WCAG AA × Fail

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 48.1997, 58.4161, 54.6340 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

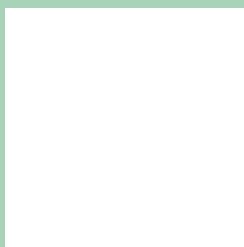
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.1997, 58.4161, 54.6340

Background



This preview shows how black text looks on a background with the XYZ color 48.1997, 58.4161, 54.6340.



This preview shows how white text looks on a background with the XYZ color 48.1997, 58.4161,

54.6340.

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

48.1997, 58.4161, 54.6340

Protanopia

55.0855, 58.1185, 50.9625

Deuteranopia

59.2176, 58.1050, 56.2384



Tritanopia

52.9353, 58.5305, 77.6148

Trichromacy



Original Color

48.1997, 58.4161, 54.6340

Protanomaly

52.1815, 57.9913, 52.1592

Deuteranomaly

54.6332, 57.7768, 55.8495

Tritanomaly

51.0778, 58.4859, 68.9184

Monochromacy



Original Color

48.1997, 58.4161, 54.6340

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.2982, 55.8492, 57.4192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1997, 58.4161, 54.6340 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(168, 211, 185)` looks like.

```
.text, #text, p{  
    color:rgb(168, 211, 185)  
}
```

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(168, 211, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 211, 185) }
```

Border

The CSS property to change the border of an element to XYZ 48.1997, 58.4161, 54.6340 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(168, 211, 185) }
```


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

```
.border{ border-color:rgb(168, 211, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 211, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 211, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 211, 185);  
box-shadow:4px 4px 4px 4px rgb(168, 211,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1997, 58.4161, 54.6340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 211, 185) }
```

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

```
.background{ background-color: rgb(168,  
211, 185) }
```

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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