

Converting Colors

XYZ(48.2939, 58.5418, 62.0559)

Have a look what the booklet for
XYZ(48.2939, 58.5418, 62.0559)
contains.

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Color

**XYZ(48.4345, 58.7413,
62.2115)**

Conversions

Conversions Part 1

Format	Color
Hex	A1D4C6
RGB	161, 212, 198
RGB Percent	63%, 83%, 78%
CMY	0.3686, 0.1686, 0.2235
CMYK	0.24, 0.00, 0.07, 0.17
HSL	164°, 37%, 73%
HSV	164°, 24%, 83%
XYZ	48.4345, 58.7413, 62.2115
YIQ	195.1550, -25.9020, -15.1660

Conversions

Conversions Part 2

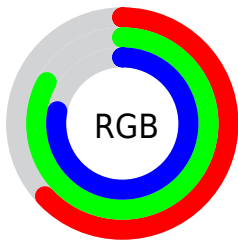
Format	Color
RYB	161, 191, 212
Decimal	10605766
CIELab	81.15, -19.38, 1.54
CIELCh	81, 19.438, 175.456
Yxy	58.7413, 0.2859, 0.3468
Android (android.graphics.Color)	4288795846 (0xFFA1D4C6)
YUV	195.1550, 1.4026, -29.9539
Hunter-Lab	76.6429, -21.3219, 5.5239

Details

The XYZ color **48.4345, 58.7413, 62.2115** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.6362, 42.5835, 46.2687**, and the grayscale version is **51.9685, 54.6749, 59.5409**.

A 20% lighter version of the original color is **82.4253, 93.4917, 108.3092**, and **23.2754, 29.3157, 30.8173** is the 20% darker color. If you saturate the color by 10%, you get **43.8609, 56.4612, 58.5607**, and if you desaturate by 10%, it is **53.7616, 61.4100, 66.0348**.

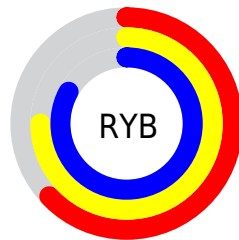
Distribution



Red (63%)

Green (83%)

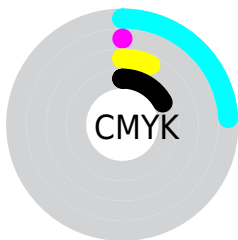
Blue (78%)



Red (63%)

Yellow (75%)

Blue (83%)

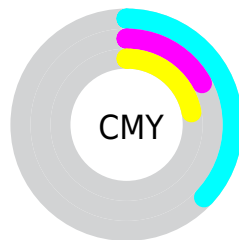


Cyan (24%)

Magenta (0%)

Yellow (7%)

Black (17%)



Cyan (37%)


Magenta (17%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.4345, 58.7413, 62.2115 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 48.4345, 58.7413, 62.2115 by changing the saturation by 10% instead.


 48.4345, 58.7413,
62.2115


 48.4345, 58.7413,
62.2115


371.0658,
419.9425, 450.7311

 34.3838, 42.4049,
44.7667


 87.0568, 103.0016,
109.6057

 23.3529, 29.4185,
30.9321


 112.3590,
131.6942, 140.3922

 14.9764, 19.3976,
20.2891


142.1425,
165.2745, 176.4631

 8.8890, 11.9579,
12.4192

176.7726,
204.1266, 218.2368

 4.7254, 6.7150,
6.9039

216.6146,
248.6351, 266.1319

 2.1202, 3.2845,
3.3245

262.0339,

 0.7001, 1.2820,

299.1843, 320.5670

1.2626

313.3958,
356.1587, 381.9605

■ 0.0000, 0.1272,
0.0309

■ 0.0000, 0.0000,
0.0000

■ 48.4345, 58.7413,
62.2115

■ 48.4345, 58.7413,
62.2115

■ 43.8609, 56.4612,
58.5607

■ 53.7616, 61.4100,
66.0348

■ 39.9990, 54.5434,
55.0752


■ 59.8715, 64.4777,
70.0296


■ 36.8105, 52.9699,
51.7529


■ 66.7978, 67.9632,
74.2002


■ 34.2513, 51.7180,
48.5902

■ 74.5709, 71.8821,
78.5496

 32.2720, 50.7621,
45.5832


 78.6642, 73.9010,
82.8671


 30.8155, 50.0730,
42.7277


 79.4819, 74.2281,
87.1732

 29.8125, 49.6148,
40.0188

 80.3271, 74.5661,
91.6238

 29.3605, 49.4155,
38.4744

 81.1999, 74.9153,
96.2202

 82.1007, 75.2756,
100.9637

Harmonies

Analogous

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



49.6695, 58.7413, 52.1459



48.4345, 58.7413, 62.2115



49.1019, 58.7413, 74.0153

Triad

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



48.4345, 58.7413, 62.2115



59.2408, 58.7413, 86.2443



60.3575, 58.7413, 47.3157

Complementary

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



48.4345, 58.7413, 62.2115



47.6362, 42.5835, 46.2687

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.



63.1502, 58.7413, 54.8580



48.4345, 58.7413, 62.2115



62.4839, 58.7413, 77.4343

Square

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



48.4345, 58.7413, 62.2115



55.2182, 58.7413, 88.8227



63.9465, 58.7413, 65.7395



56.4500, 58.7413, 44.2313

Rectangle

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



48.4345, 58.7413, 62.2115



50.5538, 58.7413, 81.1778



63.9465, 58.7413, 65.7395



61.4651, 58.7413, 49.3659

Sweetspot

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



48.4362, 58.7437, 62.2128



88.0060, 96.4587, 104.5041



47.7588, 58.8289, 42.5572



18.7131, 20.5839, 22.2884



0.0000, 0.0000, 0.0000



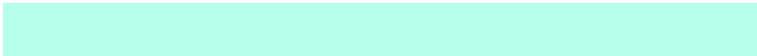
20.3446, 21.4041, 23.3091

Same Dimension

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



48.4362, 58.7437, 62.2128



69.7794, 87.3304, 91.5465



47.4585, 54.0828, 70.2279



12.6399, 14.0470, 15.1844



18.1691, 30.5230, 23.9837



1.1299, 1.8546, 1.6259

Inverse Universe

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



47.6362, 42.5835, 46.2687



68.3583, 58.5618, 63.1771



48.3484, 46.0961, 40.0684



12.5619, 12.4763, 13.6335



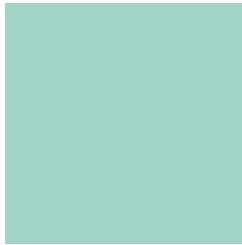
17.2732, 8.8456, 3.4765



1.0768, 0.5475, 0.3936

Previews

White Background



This preview shows how the XYZ color 48.4345, 58.7413, 62.2115 looks on a white background.

Color Contrast Check

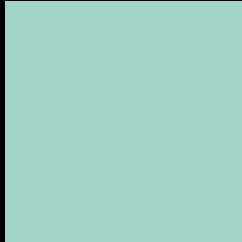
Large Text (above 18pt) WCAG AA × Fail

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 48.4345, 58.7413, 62.2115 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 48.4345, 58.7413, 62.2115

Background



This preview shows how black text looks on a background with the XYZ color 48.4345, 58.7413, 62.2115.

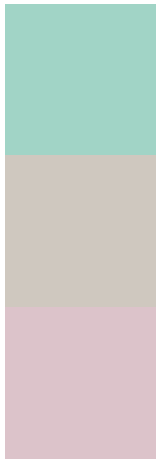


This preview shows how white text looks on a background with the XYZ color 48.4345, 58.7413,

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

48.4345, 58.7413, 62.2115

Protanopia

55.7904, 58.3355, 57.6096

Deuteranopia

59.6910, 58.5101, 64.0246



Tritanopia

51.8724, 58.6550, 79.8217

Trichromacy



Original Color

48.4345, 58.7413, 62.2115

Protanomaly

52.5657, 58.0279, 59.4689

Deuteranomaly

54.9824, 58.1324, 63.5811

Tritanomaly

50.3760, 58.3997, 72.9072

Monochromacy



Original Color

48.4345, 58.7413, 62.2115

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.3789, 55.8261, 60.3448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4345, 58.7413, 62.2115 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(161, 212, 198)` looks like.

```
.text, #text, p{  
    color:rgb(161, 212, 198)  
}
```

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(161, 212, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 212, 198) }
```

Border

The CSS property to change the border of an element to XYZ 48.4345, 58.7413, 62.2115 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(161, 212, 198) }
```


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

```
.border{ border-color:rgb(161, 212, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 212, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 212, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 212, 198);  
box-shadow:4px 4px 4px 4px rgb(161, 212,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4345, 58.7413, 62.2115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 212, 198) }
```

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

```
.background{ background-color: rgb(161,  
212, 198) }
```

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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