

Converting Colors

XYZ(48.3358, 58.2028, 64.4645)

Have a look what the booklet for
XYZ(48.3358, 58.2028, 64.4645)
contains.

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Color

**XYZ(48.4521, 58.3264,
64.5815)**

Conversions

Conversions Part 1

Format	Color
Hex	A0D3CA
RGB	160, 211, 202
RGB Percent	63%, 83%, 79%
CMY	0.3725, 0.1725, 0.2078
CMYK	0.24, 0.00, 0.04, 0.17
HSL	169°, 37%, 73%
HSV	169°, 24%, 83%
XYZ	48.4521, 58.3264, 64.5815
YIQ	194.7250, -27.5070, -13.6110

Conversions

Conversions Part 2

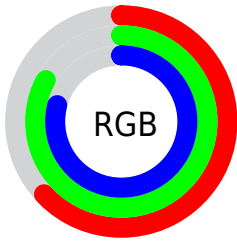
Format	Color
RYB	160, 188, 211
Decimal	10539978
CIELab	80.92, -18.34, -0.94
CIELCh	81, 18.364, 182.924
Yxy	58.3264, 0.2828, 0.3404
Android (android.graphics.Color)	4288730058 (0xFFA0D3CA)
YUV	194.7250, 3.5866, -30.4538
Hunter-Lab	76.3717, -20.4057, 3.3234

Details

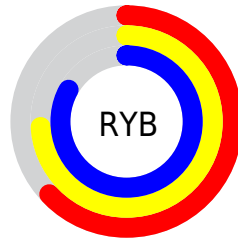
The XYZ color **48.4521, 58.3264, 64.5815** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.5982, 41.8566, 43.1616**, and the grayscale version is **51.7005, 54.3930, 59.2339**.

A 20% lighter version of the original color is **82.1289, 93.3389, 108.2953**, and **23.2972, 29.0409, 32.3945** is the 20% darker color. If you saturate the color by 10%, you get **44.1514, 56.1612, 62.1068**, and if you desaturate by 10%, it is **53.4827, 60.8697, 67.1484**.

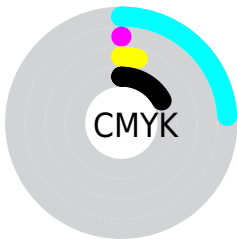
Distribution



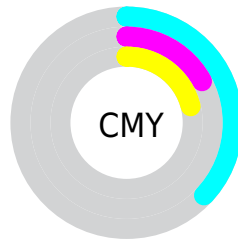
- Red (63%)
- Green (83%)
- Blue (79%)



- Red (63%)
- Yellow (74%)
- Blue (83%)



- Cyan (24%)
- Magenta (0%)
- Yellow (4%)
- Black (17%)



- Cyan (37%)
- Magenta (17%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4521, 58.3264, 64.5815 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 48.4521, 58.3264, 64.5815 by changing the saturation by 10% instead.

■ 48.4521, 58.3264,
64.5815

■ 48.4521, 58.3264,
64.5815

371.1342,
418.4011, 459.5515

■ 34.3978, 42.0711,
46.6726

■ 87.0828, 102.3980,
113.0555

■ 23.3637, 29.1570,
32.4244

■ 112.3899,
130.9831, 144.4577

■ 14.9845, 19.1996,
21.4184

142.1786,
164.4470, 181.1947

■ 8.8947, 11.8146,
13.2360

176.8143,
203.1740, 223.6851

■ 4.7291, 6.6176,
7.4586

216.6624,
247.5485, 272.3475

■ 2.1223, 3.2241,
3.6678

262.0881,

■ 0.7013, 1.2498,

297.9549, 327.6003

1.4449

313.4570,
354.7776, 389.8621

■ 0.0000, 0.1018,
0.1764

■ 0.0000, 0.0000,
0.0000

■ 48.4521, 58.3264,
64.5815

■ 48.4521, 58.3264,
64.5815

■ 44.1514, 56.1612,
62.1068

■ 53.4827, 60.8697,
67.1484

■ 40.5393, 54.3482,
59.7183

■ 59.2719, 63.8013,
69.8055

■ 37.5783, 52.8696,
57.4151

■ 65.8528, 67.1399,
72.5560

■ 35.2248, 51.7031,
55.1947

■ 73.2552, 70.9006,
75.4016

■ 33.4303, 50.8235,
53.0545

■ 77.5365, 73.0511,
78.1583

■ 32.1384, 50.2018,
50.9914

■ 78.0373, 73.2515,
80.7954

■ 31.2806, 49.8028,
49.0018

■ 78.5492, 73.4562,
83.4909

■ 30.9118, 49.6372,
47.8727

■ 79.0722, 73.6654,
86.2451

■ 79.6064, 73.8791,
89.0583

Harmonies

Analogous

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



49.1794, 58.3264, 54.4461



48.4521, 58.3264, 64.5815



49.5245, 58.3264, 75.5808

Triad

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



48.4521, 58.3264, 64.5815



59.5067, 58.3264, 82.7533



58.8322, 58.3264, 46.6295

Complementary

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



48.4521, 58.3264, 64.5815



46.5982, 41.8566, 43.1616

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.



61.8033, 58.3264, 52.7938



48.4521, 58.3264, 64.5815



62.2051, 58.3264, 73.5224

Square

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



48.4521, 58.3264, 64.5815



55.8112, 58.3264, 86.7966



63.0639, 58.3264, 62.4455



55.0654, 58.3264, 44.8083

Rectangle

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



48.4521, 58.3264, 64.5815



51.1458, 58.3264, 81.7196



63.0639, 58.3264, 62.4455



59.9628, 58.3264, 48.2247

Sweetspot

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



48.4538, 58.3288, 64.5828



88.2819, 96.5691, 105.9569



46.0786, 57.6028, 41.9485



18.7771, 20.6096, 22.6255



0.0000, 0.0000, 0.0000



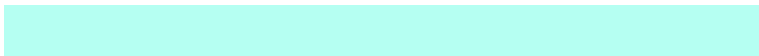
20.3446, 21.4041, 23.3091

Same Dimension

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



48.4538, 58.3288, 64.5828



70.8468, 87.7574, 97.1671



45.7383, 51.1418, 69.0915



12.0651, 13.3698, 14.6991



18.6885, 29.9683, 29.0696



1.0690, 1.6853, 1.7521

Inverse Universe

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



46.5982, 41.8566, 43.1616



67.5233, 58.2278, 58.7801



48.7658, 47.4982, 39.8564



11.8927, 11.8418, 12.7109



16.4430, 8.4501, 1.9732



0.9460, 0.4831, 0.2502

Previews

White Background



This preview shows how the XYZ color 48.4521, 58.3264, 64.5815 looks on a white background.

Color Contrast Check

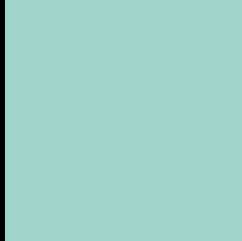
Large Text (above 18pt) WCAG AA × Fail

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 48.4521, 58.3264, 64.5815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

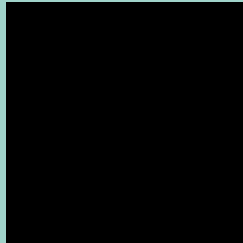
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

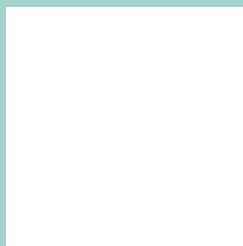
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.4521, 58.3264, 64.5815

Background



This preview shows how black text looks on a background with the XYZ color 48.4521, 58.3264, 64.5815.



This preview shows how white text looks on a background with the XYZ color 48.4521, 58.3264,

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

48.4521, 58.3264, 64.5815

Protanopia

55.4506, 57.7661, 59.8572

Deuteranopia

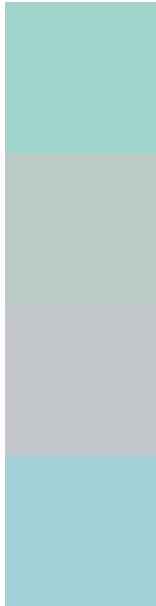
58.9265, 57.7431, 65.7974



Tritanopia

51.5275, 58.4929, 79.0955

Trichromacy



Original Color

48.4521, 58.3264, 64.5815

Protanomaly

52.5352, 57.6079, 61.7766

Deuteranomaly

54.3183, 57.4039, 65.3439

Tritanomaly

50.2994, 58.3453, 73.5765

Monochromacy



Original Color

48.4521, 58.3264, 64.5815

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.3711, 55.7956, 61.5409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4521, 58.3264, 64.5815 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, 211, 202)` looks like.

```
.text, #text, p{  
    color:rgb(160, 211, 202)  
}
```

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, 211, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 211, 202) }
```

Border

The CSS property to change the border of an element to XYZ 48.4521, 58.3264, 64.5815 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, 211, 202) }
```


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

```
.border{ border-color:rgb(160, 211, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 211, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 211, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 211, 202);  
box-shadow:4px 4px 4px 4px rgb(160, 211,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4521, 58.3264, 64.5815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 211, 202) }
```

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

```
.background{ background-color: rgb(160,  
211, 202) }
```

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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