

Converting Colors

XYZ(42.5532, 47.8476, 50.0135)

Have a look what the booklet for
XYZ(42.5532, 47.8476, 50.0135)
contains.

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Color

**XYZ(42.5843, 48.0153,
50.2035)**

Conversions

Conversions Part 1

Format	Color
Hex	A8BDB4
RGB	168, 189, 180
RGB Percent	66%, 74%, 71%
CMY	0.3412, 0.2588, 0.2941
CMYK	0.11, 0.00, 0.05, 0.26
HSL	154°, 14%, 70%
HSV	154°, 11%, 74%
XYZ	42.5843, 48.0153, 50.2035
YIQ	181.6950, -9.6270, -7.2510

Conversions

Conversions Part 2

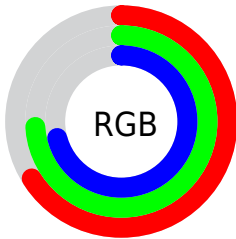
Format	Color
R _Y B	168, 181, 189
Decimal	11058612
CIE Lab	74.83, -8.93, 2.10
CIE LCh	75, 9.176, 166.758
Yxy	48.0153, 0.3024, 0.3410
Android (android.graphics.Color)	4289248692 (0xFFA8BDB4)
YUV	181.6950, -0.8356, -12.0105
Hunter-Lab	69.2931, -11.5651, 5.5490

Details

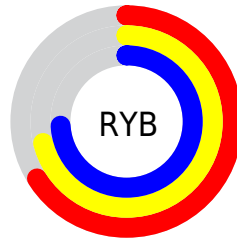
The XYZ color **42.5843, 48.0153, 50.2035** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.9265, 41.9997, 47.4415**, and the grayscale version is **44.3068, 46.6142, 50.7629**.

A 20% lighter version of the original color is **78.2242, 87.0489, 92.0361**, and **19.8374, 22.8536, 23.4443** is the 20% darker color. If you saturate the color by 10%, you get **38.0482, 45.7708, 45.8086**, and if you desaturate by 10%, it is **47.7563, 50.5847, 54.8820**.

Distribution



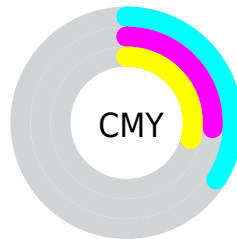
- Red (66%)
- Green (74%)
- Blue (71%)



- Red (66%)
- Yellow (71%)
- Blue (74%)



- Cyan (11%)
- Magenta (0%)
- Yellow (5%)
- Black (26%)



- Cyan (34%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5843, 48.0153, 50.2035 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 42.5843, 48.0153, 50.2035 by changing the saturation by 10% instead.

■ 42.5843, 48.0153,
50.2035

■ 42.5843, 48.0153,
50.2035

347.8500,
378.8528, 404.2191

■ 29.7522, 33.8390,
35.2028

■ 78.3428, 87.2272,
91.8757

■ 19.7977, 22.7699,
23.5343

■ 101.9999,
113.0316, 119.3843

■ 12.3555, 14.4237,
14.7796

129.9961,
143.4808, 151.8993

■ 7.0602, 8.4160,
8.5199

162.6966,
178.9592, 189.8393

■ 3.5464, 4.3622,
4.3369

200.4669,
219.8512, 233.6227

■ 1.4489, 1.8782,
1.8119

243.6724,

■ 0.2907, 0.5352,

266.5412, 283.6681

0.4358

292.6783,
319.4136, 340.3940

■ 0.0000, 0.0000,
0.0000

■ 42.5843, 48.0153,
50.2035

■ 42.5843, 48.0153,
50.2035

■ 38.0482, 45.7708,
45.8086

■ 47.7563, 50.5847,
54.8820

■ 34.1179, 43.8317,
41.6887

■ 53.5844, 53.4854,
59.8463

■ 30.7670, 42.1860,
37.8391

■ 60.0931, 56.7312,
65.1025

■ 27.9655, 40.8182,
34.2539

■ 67.3044, 60.3333,
70.6557

■ 25.6805, 39.7116,
30.9271

■ 72.4244, 62.8513,
76.3789

■ 23.8755, 38.8473,
27.8521

■ 73.5271, 63.2924,
82.1858

■ 22.5089, 38.2040,
25.0220

■ 74.6826, 63.7546,
88.2706

■ 21.5314, 37.7564,
22.4295

■ 75.8916, 64.2382,
94.6371

■ 20.9046, 37.4794,
20.3164

■ 77.1547, 64.7435,
101.2887

Harmonies

Analogous

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



43.3393, 48.0153, 46.2340



42.5843, 48.0153, 50.2035



42.6330, 48.0153, 54.9752

Triad

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



42.5843, 48.0153, 50.2035



46.5686, 48.0153, 61.5831



47.8709, 48.0153, 45.8677

Complementary

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



42.5843, 48.0153, 50.2035



42.9265, 41.9997, 47.4415

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.



48.7791, 48.0153, 49.6753



42.5843, 48.0153, 50.2035



48.0148, 48.0153, 58.8325

Square

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



42.5843, 48.0153, 50.2035



44.9060, 48.0153, 61.7459



48.8324, 48.0153, 54.4140



46.3761, 48.0153, 43.8355

Rectangle

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



42.5843, 48.0153, 50.2035



43.1142, 48.0153, 57.9751



48.8324, 48.0153, 54.4140



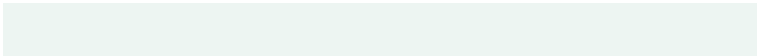
48.2565, 48.0153, 46.9716

Sweetspot

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



42.5857, 48.0173, 50.2046



83.6442, 89.6569, 96.6276



43.4214, 48.5834, 44.1356



17.8213, 19.1978, 20.6316



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



42.5857, 48.0173, 50.2046



74.4718, 85.1049, 88.2207



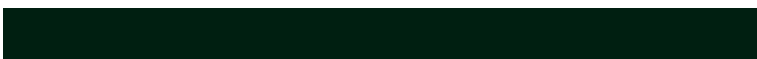
43.2333, 47.7968, 55.0935



9.6310, 10.7385, 11.3064



14.1035, 25.2317, 13.8737



0.5846, 1.0012, 0.7128

Inverse Universe

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



42.9265, 41.9997, 47.4415



75.1870, 72.4779, 82.4233



42.3182, 42.1722, 42.9562



9.6953, 9.6024, 10.7847



15.1566, 7.6938, 6.1182



0.6265, 0.3145, 0.4124

Previews

White Background



This preview shows how the XYZ color 42.5843, 48.0153, 50.2035 looks on a white background.

Color Contrast Check

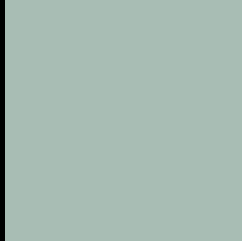
Large Text (above 18pt) WCAG AA × Fail

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 42.5843, 48.0153, 50.2035 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 42.5843, 48.0153, 50.2035

Background



This preview shows how black text looks on a background with the XYZ color 42.5843, 48.0153, 50.2035.



This preview shows how white text looks on a background with the XYZ color 42.5843, 48.0153,

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

42.5843, 48.0153, 50.2035

Protanopia

45.8556, 47.8601, 48.4161

Deuteranopia

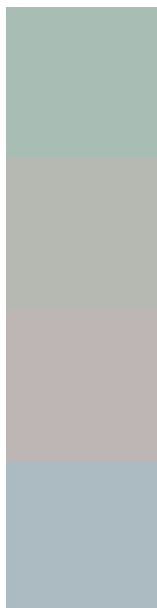
48.7210, 47.7747, 50.9095



Tritanopia

45.1148, 48.1055, 62.1658

Trichromacy



Original Color

42.5843, 48.0153, 50.2035

Protanomaly

44.4409, 47.7360, 48.9912

Deuteranomaly

46.3036, 47.7392, 50.4902

Tritanomaly

44.1905, 48.0488, 57.3973

Monochromacy



Original Color

42.5843, 48.0153, 50.2035

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.8209, 47.3812, 50.5519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5843, 48.0153, 50.2035 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, 189, 180)` looks like.

```
.text, #text, p{  
    color:rgb(168, 189, 180)  
}
```

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, 189, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 189, 180) }
```

Border

The CSS property to change the border of an element to XYZ 42.5843, 48.0153, 50.2035 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, 189, 180) }
```


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

```
.border{ border-color:rgb(168, 189, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 189, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 189, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 189, 180);  
box-shadow:4px 4px 4px 4px rgb(168, 189,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5843, 48.0153, 50.2035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 189, 180) }
```

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

```
.background{ background-color: rgb(168,  
189, 180) }
```

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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