

Converting Colors

XYZ(42.5909, 48.4332, 50.2901)

Have a look what the booklet for
XYZ(42.5909, 48.4332, 50.2901)
contains.

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Color

**XYZ(42.5880, 48.3377,
50.2655)**

Conversions

Conversions Part 1

Format	Color
Hex	A7BEB4
RGB	167, 190, 180
RGB Percent	65%, 75%, 71%
CMY	0.3451, 0.2549, 0.2941
CMYK	0.12, 0.00, 0.05, 0.25
HSL	154°, 15%, 70%
HSV	154°, 12%, 75%
XYZ	42.5880, 48.3377, 50.2655
YIQ	181.9830, -10.4980, -7.9860

Conversions

Conversions Part 2

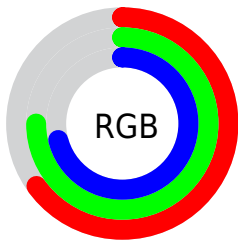
Format	Color
RYB	167, 182, 190
Decimal	10993332
CIELab	75.04, -9.80, 2.39
CIELCh	75, 10.083, 166.298
Yxy	48.3377, 0.3016, 0.3424
Android (android.graphics.Color)	4289183412 (0xFFA7BEB4)
YUV	181.9830, -0.9776, -13.1401
Hunter-Lab	69.5253, -12.3285, 5.8022

Details

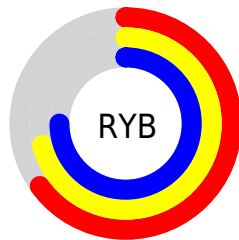
The XYZ color **42.5880, 48.3377, 50.2655** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.9914, 41.7601, 47.3917**, and the grayscale version is **44.4645, 46.7801, 50.9436**.

A 20% lighter version of the original color is **78.2203, 87.4973, 92.1229**, and **19.8467, 23.0685, 23.4853** is the 20% darker color. If you saturate the color by 10%, you get **38.0486, 46.0933, 45.7900**, and if you desaturate by 10%, it is **47.7701, 50.9103, 55.0351**.

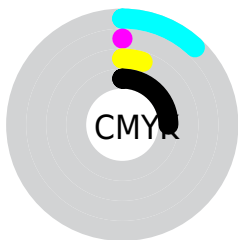
Distribution



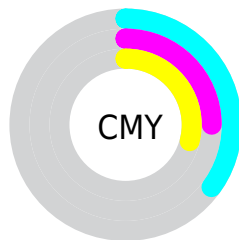
- Red (65%)
- Green (75%)
- Blue (71%)



- Red (65%)
- Yellow (71%)
- Blue (75%)



- Cyan (12%)
- Magenta (0%)
- Yellow (5%)
- Black (25%)



- Cyan (35%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5880, 48.3377, 50.2655 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 42.5880, 48.3377, 50.2655 by changing the saturation by 10% instead.

■ 42.5880, 48.3377,
50.2655

■ 42.5880, 48.3377,
50.2655

347.8650,
380.1291, 404.4681

■ 29.7551, 34.0944,
35.2517

■ 78.3484, 87.7070,
91.9685

■ 19.7999, 22.9661,
23.5718

■ 102.0065,
113.6018, 119.4948

■ 12.3571, 14.5685,
14.8070

130.0039,
144.1492, 152.0290

■ 7.0613, 8.5171,
8.5389

162.7057,
179.7336, 189.9897

■ 3.5471, 4.4276,
4.3490

200.4773,
220.7394, 233.7954

■ 1.4493, 1.9155,
1.8187

243.6842,

■ 0.2909, 0.5577,

267.5510, 283.8647

0.4402

292.6916,
320.5528, 340.6161

■ 0.0000, 0.0000,
0.0000

■ 42.5880, 48.3377,
50.2655

■ 42.5880, 48.3377,
50.2655

■ 38.0486, 46.0933,
45.7900

■ 47.7701, 50.9103,
55.0351

■ 34.1214, 44.1574,
41.5995

■ 53.6156, 53.8177,
60.1011

■ 30.7792, 42.5175,
37.6893

■ 60.1496, 57.0740,
65.4700

■ 27.9914, 41.1580,
34.0530

■ 67.3942, 60.6907,
71.1470

■ 25.7244, 40.0615,
30.6842

■ 72.7473, 63.3259,
77.0145

■ 23.9405, 39.2088,
27.5761

■ 73.8778, 63.7781,
82.9674

■ 22.5971, 38.5781,
24.7213

■ 75.0632, 64.2523,
89.2097

■ 21.6431, 38.1430,
22.1122

■ 76.3043, 64.7487,
95.7455

■ 21.0883, 37.8983,
20.2188

■ 77.6019, 65.2678,
102.5785

Harmonies

Analogous

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



43.4305, 48.3377, 45.9304



42.5880, 48.3377, 50.2655



42.6275, 48.3377, 55.5296

Triad

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



42.5880, 48.3377, 50.2655



46.9446, 48.3377, 62.9790



48.4340, 48.3377, 45.6342

Complementary

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



42.5880, 48.3377, 50.2655



42.9914, 41.7601, 47.3917

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.



49.4272, 48.3377, 49.8361



42.5880, 48.3377, 50.2655



48.5517, 48.3377, 59.9547

Square

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



42.5880, 48.3377, 50.2655



45.1098, 48.3377, 63.1132



49.4709, 48.3377, 55.0707



46.7875, 48.3377, 43.3798

Rectangle

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



42.5880, 48.3377, 50.2655



43.1480, 48.3377, 58.8671



49.4709, 48.3377, 55.0707



48.8573, 48.3377, 46.8527

Sweetspot

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



42.5894, 48.3397, 50.2666



84.6303, 91.2929, 97.9925



43.6014, 49.0074, 43.7212



18.4216, 19.9664, 21.3712



92.9021, 97.7402, 106.4391



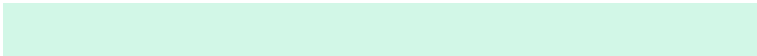
19.4759, 20.4902, 22.3138

Same Dimension

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



42.5894, 48.3397, 50.2666



74.4711, 86.2555, 88.4853



43.3976, 48.2660, 55.7466



9.6285, 10.7375, 11.2932



14.0618, 25.2150, 13.6543



0.5831, 1.0006, 0.7048

Inverse Universe

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



42.9914, 41.7601, 47.3917



75.3690, 71.5653, 82.0674



42.2420, 41.7990, 42.4014



9.6978, 9.6034, 10.7976



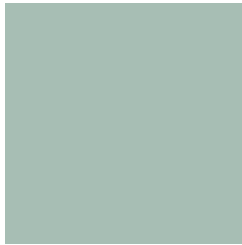
15.1867, 7.7058, 6.2765



0.6277, 0.3150, 0.4189

Previews

White Background



This preview shows how the XYZ color 42.5880, 48.3377, 50.2655 looks on a white background.

Color Contrast Check

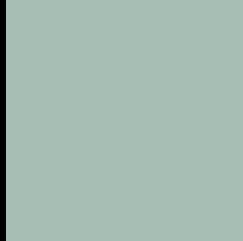
Large Text (above 18pt) WCAG AA × Fail

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 42.5880, 48.3377, 50.2655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

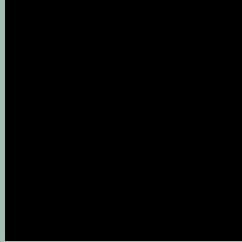
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5880, 48.3377, 50.2655

Background



This preview shows how black text looks on a background with the XYZ color 42.5880, 48.3377, 50.2655.



This preview shows how white text looks on a background with the XYZ color 42.5880, 48.3377,

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

42.5880, 48.3377, 50.2655

Protanopia

46.2122, 48.3627, 47.9736

Deuteranopia

48.9925, 47.9147, 50.9222



Tritanopia

45.2256, 48.4628, 62.8477

Trichromacy



Original Color

42.5880, 48.3377, 50.2655

Protanomaly

44.7861, 48.2372, 48.5452

Deuteranomaly

46.3036, 47.7392, 50.4902

Tritanomaly

44.2984, 48.4075, 58.0477

Monochromacy



Original Color

42.5880, 48.3377, 50.2655

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 42.5880, 48.3377, 50.2655 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(167, 190, 180)` looks like.

```
.text, #text, p{  
    color:rgb(167, 190, 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(167, 190, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 190, 180) }
```

Border

The CSS property to change the border of an element to XYZ 42.5880, 48.3377, 50.2655 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(167, 190, 180) }
```


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

```
.border{ border-color:rgb(167, 190, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 190, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 190, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 190, 180);  
box-shadow:4px 4px 4px 4px rgb(167, 190,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5880, 48.3377, 50.2655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 190, 180) }
```

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

```
.background{ background-color: rgb(167,  
190, 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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