

Converting Colors

XYZ(42.6253, 48.5395, 50.4790)

Have a look what the booklet for
XYZ(42.6253, 48.5395, 50.4790)
contains.

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Color

**XYZ(42.5949, 48.6639,
50.3281)**

Conversions

Conversions Part 1

Format	Color
Hex	A6BFB4
RGB	166, 191, 180
RGB Percent	65%, 75%, 71%
CMY	0.3490, 0.2510, 0.2941
CMYK	0.13, 0.00, 0.06, 0.25
HSL	154°, 16%, 70%
HSV	154°, 13%, 75%
XYZ	42.5949, 48.6639, 50.3281
YIQ	182.2710, -11.3690, -8.7210

Conversions

Conversions Part 2

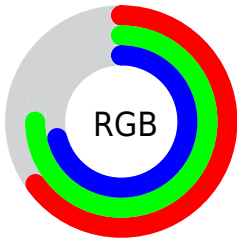
Format	Color
R _Y B	166, 182, 191
Decimal	10928052
CIE Lab	75.24, -10.66, 2.68
CIE LCh	75, 10.987, 165.901
Yxy	48.6639, 0.3008, 0.3437
Android (android.graphics.Color)	4289118132 (0xFFA6BFB4)
YUV	182.2710, -1.1196, -14.2697
Hunter-Lab	69.7595, -13.0877, 6.0568

Details

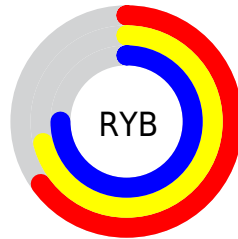
The XYZ color **42.5949, 48.6639, 50.3281** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.0596, 41.5243, 47.3427**, and the grayscale version is **44.6226, 46.9464, 51.1246**.

A 20% lighter version of the original color is **78.2199, 87.9498, 92.2103**, and **19.8587, 23.2867, 23.5268** is the 20% darker color. If you saturate the color by 10%, you get **38.0542, 46.4204, 45.7810**, and if you desaturate by 10%, it is **47.7849, 51.2388, 55.1788**.

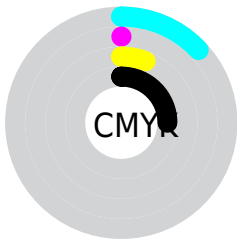
Distribution



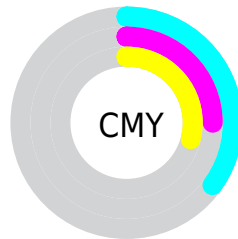
- Red (65%)
- Green (75%)
- Blue (71%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5949, 48.6639, 50.3281 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 42.5949, 48.6639, 50.3281 by changing the saturation by 10% instead.

■ 42.5949, 48.6639,
50.3281

■ 42.5949, 48.6639,
50.3281

347.8930,
381.4177, 404.7194

■ 29.7605, 34.3529,
35.3012

■ 78.3587, 88.1921,
92.0621

■ 19.8041, 23.1649,
23.6095

■ 102.0189,
114.1781, 119.6063

■ 12.3601, 14.7153,
14.8347

130.0184,
144.8245, 152.1599

■ 7.0634, 8.6198,
8.5581

162.7225,
180.5158, 190.1416

■ 3.5485, 4.4940,
4.3613

200.4967,
221.6364, 233.9698

■ 1.4500, 1.9536,
1.8255

243.7063,

■ 0.2914, 0.5803,

268.5707, 284.0632

0.4447

292.7166,
321.7029, 340.8402

■ 0.0000, 0.0000,
0.0000

■ 42.5949, 48.6639,
50.3281

■ 42.5949, 48.6639,
50.3281

■ 38.0542, 46.4204,
45.7810

■ 47.7849, 51.2388,
55.1788

■ 34.1318, 44.4884,
41.5281

■ 53.6456, 54.1520,
60.3355

■ 30.7999, 42.8550,
37.5644

■ 60.2022, 57.4179,
65.8052

■ 28.0273, 41.5043,
33.8832

■ 67.4777, 61.0479,
71.5931

■ 25.7793, 40.4184,
30.4779

■ 73.0604, 63.7989,
77.5909

■ 24.0175, 39.5778,
27.3412

■ 74.2157, 64.2610,
83.6747

■ 22.6979, 38.9598,
24.4655

■ 75.4280, 64.7460,
90.0586

■ 21.7677, 38.5374,
21.8427

■ 76.6980, 65.2540,
96.7465

■ 21.2830, 38.3240,
20.1718

■ 77.9217, 65.7435,
103.1906

Harmonies

Analogous

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



43.5253, 48.6639, 45.6304



42.5949, 48.6639, 50.3281



42.6248, 48.6639, 56.0869

Triad

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



42.5949, 48.6639, 50.3281



47.3238, 48.6639, 64.3968



49.0039, 48.6639, 45.4073

Complementary

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



42.5949, 48.6639, 50.3281



43.0596, 41.5243, 47.3427

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.



50.0827, 48.6639, 50.0030



42.5949, 48.6639, 50.3281



49.0936, 48.6639, 61.0940

Square

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



42.5949, 48.6639, 50.3281



45.3157, 48.6639, 64.4998



50.1160, 48.6639, 55.7373



47.2043, 48.6639, 42.9323

Rectangle

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



42.5949, 48.6639, 50.3281



43.1841, 48.6639, 59.7668



50.1160, 48.6639, 55.7373



49.4652, 48.6639, 46.7398

Sweetspot

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



42.5963, 48.6659, 50.3292



84.6225, 91.2897, 97.9515



43.7039, 49.3935, 43.3075



18.4196, 19.9656, 21.3606



92.9021, 97.7402, 106.4391



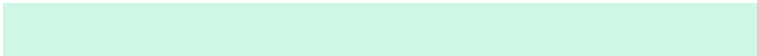
19.4759, 20.4902, 22.3138

Same Dimension

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



42.5963, 48.6659, 50.3292



73.5905, 85.8224, 87.5011



43.4909, 48.5894, 56.3792



9.6264, 10.7367, 11.2821



14.0273, 25.2012, 13.4722



0.5818, 1.0001, 0.6982

Inverse Universe

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



43.0596, 41.5243, 47.3427



74.5987, 70.2861, 81.0049



42.2348, 41.5598, 41.8729



9.6999, 9.6042, 10.8085



15.2123, 7.7161, 6.4117



0.6288, 0.3154, 0.4245

Previews

White Background



This preview shows how the XYZ color 42.5949, 48.6639, 50.3281 looks on a white background.

Color Contrast Check

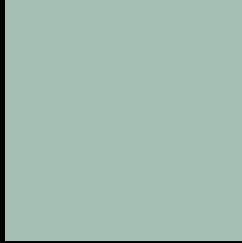
Large Text (above 18pt) WCAG AA × Fail

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 42.5949, 48.6639, 50.3281 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

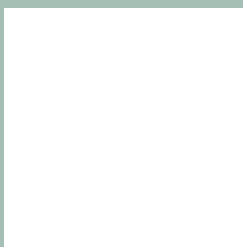
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.5949, 48.6639, 50.3281

Background



This preview shows how black text looks on a background with the XYZ color 42.5949, 48.6639, 50.3281.



This preview shows how white text looks on a background with the XYZ color 42.5949, 48.6639,

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

42.5949, 48.6639, 50.3281

Protanopia

46.2122, 48.3627, 47.9736

Deuteranopia

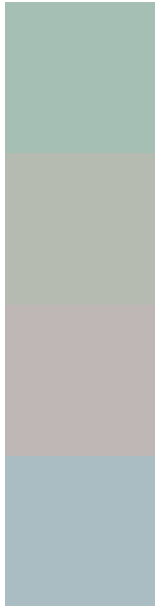
49.4654, 48.4550, 51.0016



Tritanopia

45.3403, 48.8243, 63.5343

Trichromacy



Original Color

42.5949, 48.6639, 50.3281

Protanomaly

44.7622, 48.5387, 48.6047

Deuteranomaly

46.5092, 48.1503, 50.5587

Tritanomaly

44.4101, 48.7703, 58.7027

Monochromacy



Original Color

42.5949, 48.6639, 50.3281

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.5939, 47.2642, 50.5413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5949, 48.6639, 50.3281 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(166, 191, 180)` looks like.

```
.text, #text, p{  
    color:rgb(166, 191, 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(166, 191, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 191, 180) }
```

Border

The CSS property to change the border of an element to XYZ 42.5949, 48.6639, 50.3281 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(166, 191, 180) }
```


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

```
.border{ border-color:rgb(166, 191, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 191, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 191, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 191, 180);  
box-shadow:4px 4px 4px 4px rgb(166, 191,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5949, 48.6639, 50.3281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 191, 180) }
```

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

```
.background{ background-color: rgb(166,  
191, 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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