

Converting Colors

XYZ(42.6048, 48.3671, 51.8411)

Have a look what the booklet for
XYZ(42.6048, 48.3671, 51.8411)
contains.

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Color

**XYZ(42.4777, 48.2451,
51.8732)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A5BEB7 |
| RGB | 165, 190, 183 |
| RGB Percent | 65%, 75%, 72% |
| CMY | 0.3529, 0.2549, 0.2823 |
| CMYK | 0.13, 0.00, 0.04, 0.25 |
| HSL | 163°, 16%, 70% |
| HSV | 163°, 13%, 75% |
| XYZ | 42.4777, 48.2451, 51.8732 |
| YIQ | 181.7270, -12.6530, -7.4770 |

Conversions

Conversions Part 2

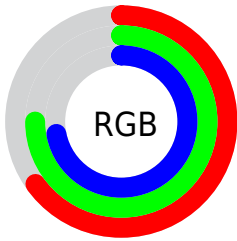
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 165, 180, 190 |
| Decimal | 10862263 |
| CIELab | 74.98, -9.88, 0.66 |
| CIELCh | 75, 9.897, 176.193 |
| Yxy | 48.2451, 0.2979, 0.3383 |
| Android (android.graphics.Color) | 4289052343 (0xFFA5BEB7) |
| YUV | 181.7270, 0.6276, -14.6696 |
| Hunter-Lab | 69.4587, -12.3904, 4.3421 |

Details

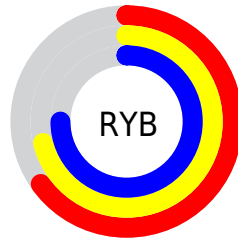
The XYZ color **42.4777, 48.2451, 51.8732** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.1384, 40.8371, 44.6932**, and the grayscale version is **44.3176, 46.6256, 50.7753**.

A 20% lighter version of the original color is **78.0510, 87.3592, 94.4096**, and **19.7850, 23.0137, 24.5184** is the 20% darker color. If you saturate the color by 10%, you get **38.2723, 46.1413, 48.8402**, and if you desaturate by 10%, it is **47.2939, 50.6640, 55.0462**.

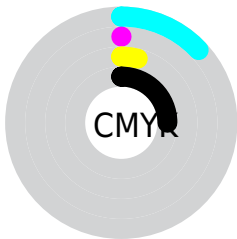
Distribution



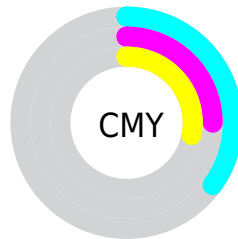
- Red (65%)
- Green (75%)
- Blue (72%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)



- Cyan (35%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4777, 48.2451, 51.8732 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 42.4777, 48.2451, 51.8732 by changing the saturation by 10% instead.


 42.4777, 48.2451,
51.8732


 42.4777, 48.2451,
51.8732


347.4174,
379.7628, 410.8899

 29.6683, 34.0210,
36.5225


 78.1827, 87.5692,
94.3689

 19.7337, 22.9098,
24.5451


 101.8090,
113.4381, 122.3509

 12.3088, 14.5269,
15.5225


129.7717,
143.9573, 155.3805

 7.0280, 8.4880,
9.0362

162.4360,
179.5113, 193.8761

 3.5261, 4.4088,
4.6677

200.1674,
220.4844, 238.2563

 1.4377, 1.9048,
1.9983

243.3312,

 0.2829, 0.5512,

267.2611, 288.9396

0.5543

292.2928,
320.2258, 346.3447

■ 0.0000, 0.0000,
0.0000

■ 42.4777, 48.2451,
51.8732

■ 42.4777, 48.2451,
51.8732

■ 38.2723, 46.1413,
48.8402

■ 47.2939, 50.6640,
55.0462

■ 34.6477, 44.3331,
45.9414

■ 52.7413, 53.4046,
58.3582

■ 31.5772, 42.8082,
43.1756

■ 58.8442, 56.4806,
61.8126

■ 29.0304, 41.5510,
40.5399

■ 65.6246, 59.9034,
65.4115

■ 26.9742, 40.5444,
38.0317

■ 71.2386, 62.7224,
69.0698

■ 25.3713, 39.7692,
35.6479

■ 71.9112, 62.9914,
72.6118

■ 24.1789, 39.2033,
33.3851

■ 72.6061, 63.2694,
76.2709

■ 23.3456, 38.8204,
31.2398

■ 73.3234, 63.5563,
80.0483

■ 22.9145, 38.6288,
29.8359

■ 74.0634, 63.8523,
83.9450

Harmonies

Analogous

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



43.0307, 48.2451, 47.1901



42.4777, 48.2451, 51.8732



42.8101, 48.2451, 57.0431

Triad

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



42.4777, 48.2451, 51.8732



47.4052, 48.2451, 61.9679



47.8146, 48.2451, 44.6941

Complementary

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



42.4777, 48.2451, 51.8732



42.1384, 40.8371, 44.6932

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.



49.0421, 48.2451, 48.2628



42.4777, 48.2451, 51.8732



48.8014, 48.2451, 58.2598

Square

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



42.4777, 48.2451, 51.8732



45.6254, 48.2451, 63.0900



49.4078, 48.2451, 53.1938



46.0865, 48.2451, 43.2207

Rectangle

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



42.4777, 48.2451, 51.8732



43.4938, 48.2451, 60.0384



49.4078, 48.2451, 53.1938



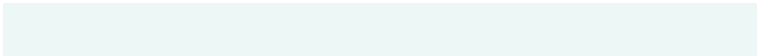
48.3012, 48.2451, 45.6766

Sweetspot

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



42.4791, 48.2471, 51.8743



84.8626, 91.3858, 99.2160



42.2380, 48.3257, 42.6996



18.4820, 19.9906, 21.6891



92.9021, 97.7402, 106.4391



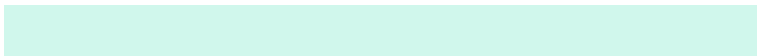
19.4759, 20.4902, 22.3138

Same Dimension

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



42.4791, 48.2471, 51.8743



74.4958, 86.1845, 92.2684



42.0747, 46.2427, 55.4257



9.6915, 10.7627, 11.6249



15.2710, 25.6987, 20.0214



0.6247, 1.0173, 0.9240

Inverse Universe

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



42.1384, 40.8371, 44.6932



73.7497, 69.9465, 76.5340



42.4812, 42.5710, 41.5760



9.6371, 9.5791, 10.4777



14.5801, 7.4632, 3.0826



0.6001, 0.3039, 0.2731

Previews

White Background



This preview shows how the XYZ color 42.4777, 48.2451, 51.8732 looks on a white background.

Color Contrast Check

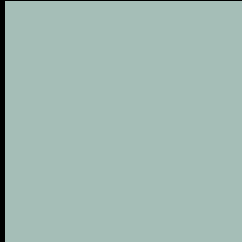
Large Text (above 18pt) WCAG AA × Fail

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 42.4777, 48.2451, 51.8732 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 42.4777, 48.2451, 51.8732

Background



This preview shows how black text looks on a background with the XYZ color 42.4777, 48.2451, 51.8732.



This preview shows how white text looks on a background with the XYZ color 42.4777, 48.2451,

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

42.4777, 48.2451, 51.8732

Protanopia

46.0564, 47.9405, 49.4738

Deuteranopia

48.7647, 47.7611, 52.5476



Tritanopia

44.5794, 48.1297, 62.8175

Trichromacy



Original Color

42.4777, 48.2451, 51.8732

Protanomaly

44.6195, 48.1164, 50.1157

Deuteranomaly

46.1187, 47.6080, 52.1059

Tritanomaly

43.7699, 48.1221, 58.6113

Monochromacy



Original Color

42.4777, 48.2451, 51.8732

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.6970, 47.3054, 51.0838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4777, 48.2451, 51.8732 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(165, 190, 183)` looks like.

```
.text, #text, p{  
    color:rgb(165, 190, 183)  
}
```

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(165, 190, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 190, 183) }
```

Border

The CSS property to change the border of an element to XYZ 42.4777, 48.2451, 51.8732 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(165, 190, 183) }
```


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

```
.border{ border-color:rgb(165, 190, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 190, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 190, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 190, 183);  
box-shadow:4px 4px 4px 4px rgb(165, 190,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4777, 48.2451, 51.8732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 190, 183) }
```

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

```
.background{ background-color: rgb(165,  
190, 183) }
```

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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