

Converting Colors

XYZ(42.7475, 48.0316, 54.8151)

Have a look what the booklet for
XYZ(42.7475, 48.0316, 54.8151)
contains.

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Color

**XYZ(42.5845, 47.9185,
54.5817)**

Conversions

Conversions Part 1

Format	Color
Hex	A4BDBC
RGB	164, 189, 188
RGB Percent	64%, 74%, 74%
CMY	0.3569, 0.2588, 0.2627
CMYK	0.13, 0.00, 0.01, 0.26
HSL	178°, 16%, 69%
HSV	178°, 13%, 74%
XYZ	42.5845, 47.9185, 54.5817
YIQ	181.4110, -14.5790, -5.6110

Conversions

Conversions Part 2

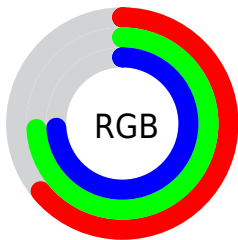
Format	Color
RYB	164, 177, 189
Decimal	10796476
CIELab	74.77, -8.67, -2.37
CIElCh	75, 8.987, 195.293
Yxy	47.9185, 0.2935, 0.3303
Android (android.graphics.Color)	4288986556 (0xFFA4BDBC)
YUV	181.4110, 3.2484, -15.2694
Hunter-Lab	69.2232, -11.3315, 1.7067

Details

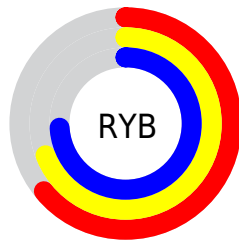
The XYZ color **42.5845, 47.9185, 54.5817** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.0549, 40.0876, 41.1732**, and the grayscale version is **44.1331, 46.4315, 50.5639**.

A 20% lighter version of the original color is **78.1950, 86.8965, 98.2393**, and **19.8594, 22.8023, 26.2763** is the 20% darker color. If you saturate the color by 10%, you get **38.8891, 46.0241, 53.9843**, and if you desaturate by 10%, it is **46.8628, 50.1159, 55.2106**.

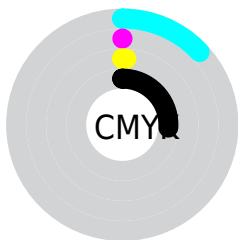
Distribution



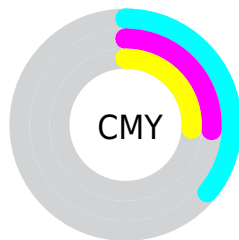
- Red (64%)
- Green (74%)
- Blue (74%)



- Red (64%)
- Yellow (69%)
- Blue (74%)



- Cyan (13%)
- Magenta (0%)
- Yellow (1%)
- Black (26%)



- Cyan (36%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5845, 47.9185, 54.5817 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 42.5845, 47.9185, 54.5817 by changing the saturation by 10% instead.

■ 42.5845, 47.9185,
54.5817

■ 42.5845, 47.9185,
54.5817

347.8508,
378.4690, 421.5615

■ 29.7523, 33.7624,
38.6706

■ 78.3431, 87.0830,
98.3928

■ 19.7978, 22.7111,
26.1977

■ 102.0003,
112.8602, 127.1299

■ 12.3556, 14.3803,
16.7445

129.9965,
143.2799, 160.9793

■ 7.0602, 8.3857,
9.8925

162.6971,
178.7264, 200.3597

■ 3.5465, 4.3427,
5.2230

200.4675,
219.5842, 245.6896

■ 1.4489, 1.8671,
2.3177

243.6730,

■ 0.2907, 0.5285,

266.2376, 297.3875

0.7411

292.6790,
319.0711, 355.8720

■ 0.0000, 0.0000,
0.0000

■ 42.5845, 47.9185,
54.5817

■ 42.5845, 47.9185,
54.5817

■ 38.8891, 46.0241,
53.9843

■ 46.8628, 50.1159,
55.2106

■ 35.7469, 44.4137,
53.4140

■ 51.7437, 52.6226,
55.8690

■ 33.1320, 43.0750,
52.8706

■ 57.2512, 55.4522,
56.5589

■ 31.0147, 41.9927,
52.3528

■ 63.4067, 58.6159,
57.2815

■ 29.3622, 41.1500,
51.8589

■ 68.9298, 61.4534,
57.9766

■ 28.1381, 40.5282,
51.3873

■ 69.0139, 61.4871,
58.4195

■ 27.3004, 40.1054,
50.9360

■ 69.0984, 61.5209,
58.8647

■ 26.7985, 39.8558,
50.5027

■ 69.1834, 61.5549,
59.3122

■ 26.5826, 39.7506,
50.2163

■ 69.2688, 61.5890,
59.7619

Harmonies

Analogous

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



42.5766, 47.9185, 49.9263



42.5845, 47.9185, 54.5817



43.3728, 47.9185, 58.8270

Triad

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



42.5845, 47.9185, 54.5817



47.8121, 47.9185, 58.7568



46.3465, 47.9185, 43.9556

Complementary

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



42.5845, 47.9185, 54.5817



41.0549, 40.0876, 41.1732

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.



47.7887, 47.9185, 46.0445



42.5845, 47.9185, 54.5817



48.6485, 47.9185, 54.4904

Square

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



42.5845, 47.9185, 54.5817



46.3778, 47.9185, 61.3337



48.6398, 47.9185, 49.8403



44.7224, 47.9185, 43.9768

Rectangle

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



42.5845, 47.9185, 54.5817



44.2459, 47.9185, 60.7735



48.6398, 47.9185, 49.8403



46.8695, 47.9185, 44.4286

Sweetspot

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



42.5859, 47.9205, 54.5828



83.2466, 89.4038, 98.7817



40.4689, 47.1037, 42.0817



17.7709, 19.1587, 21.2240



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.



42.5859, 47.9205, 54.5828



74.1558, 84.7380, 97.4233



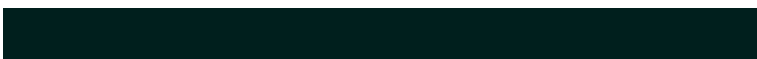
40.3672, 43.3095, 54.3784



9.7916, 10.8028, 12.1521



17.8918, 26.7470, 33.8224



0.7060, 1.0498, 1.3521

Inverse Universe

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



41.0549, 40.0876, 41.1732



70.8566, 67.8571, 68.5247



43.0674, 44.2581, 41.3955



9.5453, 9.5424, 9.9943



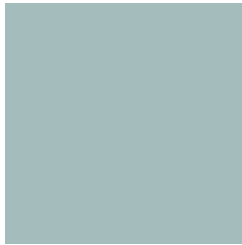
14.1550, 7.2931, 0.8437



0.5598, 0.2878, 0.0613

Previews

White Background



This preview shows how the XYZ color 42.5845, 47.9185, 54.5817 looks on a white background.

Color Contrast Check

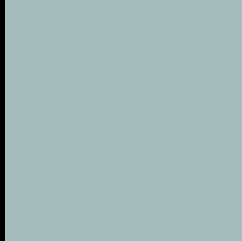
Large Text (above 18pt) WCAG AA × Fail

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 42.5845, 47.9185, 54.5817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

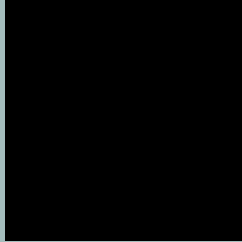
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

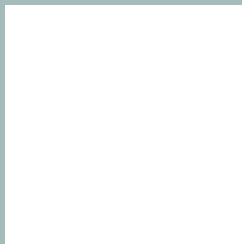
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.5845, 47.9185, 54.5817

Background



This preview shows how black text looks on a background with the XYZ color 42.5845, 47.9185, 54.5817.

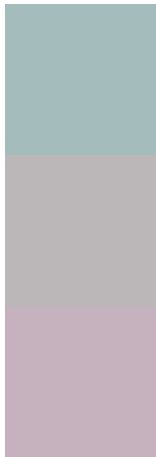


This preview shows how white text looks on a background with the XYZ color 42.5845, 47.9185,

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

42.5845, 47.9185, 54.5817

Protanopia

46.0787, 47.8925, 52.1630

Deuteranopia

48.5034, 47.5643, 55.3396



Tritanopia

44.1569, 47.9119, 62.7977

Trichromacy



Original Color

42.5845, 47.9185, 54.5817

Protanomaly

44.6963, 47.7844, 52.7665

Deuteranomaly

46.1630, 47.5691, 54.8928

Tritanomaly

43.5783, 47.9970, 59.7908

Monochromacy



Original Color

42.5845, 47.9185, 54.5817

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.4714, 46.8556, 52.1003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5845, 47.9185, 54.5817 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(164, 189, 188)` looks like.

```
.text, #text, p{  
    color:rgb(164, 189, 188)  
}
```

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(164, 189, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 189, 188) }
```

Border

The CSS property to change the border of an element to XYZ 42.5845, 47.9185, 54.5817 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(164, 189, 188) }
```


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

```
.border{ border-color:rgb(164, 189, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 189, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 189, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 189, 188);  
box-shadow:4px 4px 4px 4px rgb(164, 189,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5845, 47.9185, 54.5817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 189, 188) }
```

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

```
.background{ background-color: rgb(164,  
189, 188) }
```

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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