

Converting Colors

XYZ(41.9878, 47.9313, 54.6156)

Have a look what the booklet for
XYZ(41.9878, 47.9313, 54.6156)
contains.

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Color

**XYZ(41.9878, 47.9313,
54.6156)**

Conversions

Conversions Part 1

Format	Color
Hex	A0BEBC
RGB	160, 190, 188
RGB Percent	63%, 75%, 74%
CMY	0.3725, 0.2549, 0.2627
CMYK	0.16, 0.00, 0.01, 0.25
HSL	176°, 19%, 69%
HSV	176°, 16%, 75%
XYZ	41.9878, 47.9313, 54.6156
YIQ	180.8020, -17.2380, -6.9820

Conversions

Conversions Part 2

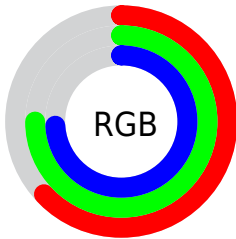
Format	Color
RYB	160, 176, 190
Decimal	10534588
CIELab	74.78, -10.50, -2.39
CIELCh	75, 10.767, 192.820
Yxy	47.9313, 0.2905, 0.3316
Android (android.graphics.Color)	4288724668 (0xFFA0BEBE)
YUV	180.8020, 3.5486, -18.2434
Hunter-Lab	69.2324, -12.9008, 1.6904

Details

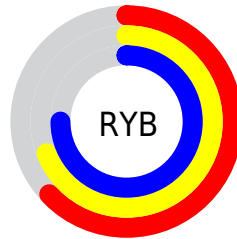
The XYZ color **41.9878, 47.9313, 54.6156** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.3294, 38.6988, 39.5287**, and the grayscale version is **43.8033, 46.0844, 50.1860**.

A 20% lighter version of the original color is **77.3092, 86.8903, 98.2848**, and **19.5032, 22.8287, 26.3001** is the 20% darker color. If you saturate the color by 10%, you get **38.3402, 46.0679, 53.7353**, and if you desaturate by 10%, it is **46.2199, 50.0984, 55.5316**.

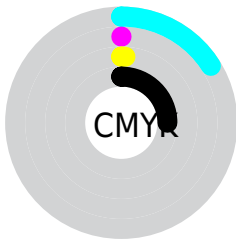
Distribution



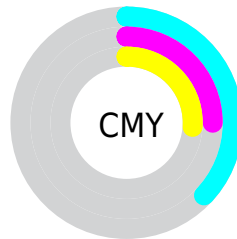
- Red (63%)
- Green (75%)
- Blue (74%)



- Red (63%)
- Yellow (69%)
- Blue (75%)



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)
- Black (25%)



- Cyan (37%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9878, 47.9313, 54.6156 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 41.9878, 47.9313, 54.6156 by changing the saturation by 10% instead.

■ 41.9878, 47.9313,
54.6156

■ 41.9878, 47.9313,
54.6156

345.4248,
378.5198, 421.6940

■ 29.2828, 33.7725,
38.6975

■ 77.4464, 87.1021,
98.4430

■ 19.4402, 22.7189,
26.2185

■ 100.9308,
112.8829, 127.1894

■ 12.0947, 14.3861,
16.7599

128.7390,
143.3065, 161.0490

■ 6.8809, 8.3897,
9.9033

161.2364,
178.7572, 200.4404

■ 3.4334, 4.3453,
5.2301

198.7883,
219.6195, 245.7820

■ 1.3869, 1.8685,
2.3218

241.7601,

■ 0.2468, 0.5294,

266.2778, 297.4925

0.7434

290.5172,
319.1164, 355.9903

■ 0.0000, 0.0000,
0.0000

■ 41.9878, 47.9313,
54.6156

■ 41.9878, 47.9313,
54.6156

■ 38.3402, 46.0679,
53.7353

■ 46.2199, 50.0984,
55.5316

■ 35.2467, 44.4887,
52.8861

■ 51.0569, 52.5760,
56.4811

■ 32.6803, 43.1812,
52.0679

■ 56.5235, 55.3780,
57.4665

■ 30.6103, 42.1293,
51.2791

■ 62.6415, 58.5157,
58.4886

■ 29.0027, 41.3158,
50.5182

■ 69.4304, 61.9990,
59.5485

■ 27.8192, 40.7207,
49.7833

■ 69.5738, 62.0564,
60.3037

■ 27.0155, 40.3213,
49.0723

■ 69.7185, 62.1143,
61.0653

■ 26.5358, 40.0887,
48.3827

■ 69.8643, 62.1726,
61.8334

■ 26.3822, 40.0157,
48.0965

■ 70.0114, 62.2314,
62.6079

Harmonies

Analogous

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



42.0580, 47.9313, 49.0720



41.9878, 47.9313, 54.6156



42.8541, 47.9313, 59.8573

Triad

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



41.9878, 47.9313, 54.6156



48.1615, 47.9313, 60.4943



46.6771, 47.9313, 42.5606

Complementary

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



41.9878, 47.9313, 54.6156



40.3294, 38.6988, 39.5287

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.



48.3718, 47.9313, 45.2053



41.9878, 47.9313, 54.6156



49.2455, 47.9313, 55.4354

Square

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



41.9878, 47.9313, 54.6156



46.3969, 47.9313, 63.4111



49.3235, 47.9313, 49.8354



44.7279, 47.9313, 42.3758

Rectangle

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



41.9878, 47.9313, 54.6156



43.8609, 47.9313, 62.3685



49.3235, 47.9313, 49.8354



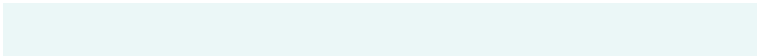
47.2968, 47.9313, 43.1823

Sweetspot

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



41.9892, 47.9333, 54.6167



84.3383, 91.0811, 100.7468



39.7622, 47.1008, 40.2544



18.3910, 19.9346, 22.0966



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.



41.9892, 47.9333, 54.6167



73.6434, 85.6085, 98.4004



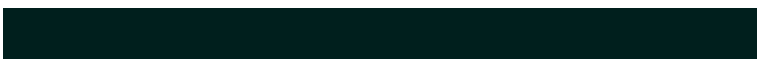
39.6140, 42.8351, 54.8975



9.7803, 10.7983, 12.0928



17.5534, 26.6117, 32.0408



0.6959, 1.0457, 1.2991

Inverse Universe

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



40.3294, 38.6988, 39.5287



70.0556, 65.6456, 65.7853



42.4299, 43.1826, 39.3575



9.5553, 9.5464, 10.0473



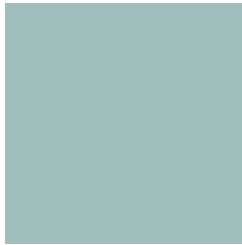
14.1781, 7.3024, 0.9654



0.5643, 0.2896, 0.0848

Previews

White Background



This preview shows how the XYZ color 41.9878, 47.9313, 54.6156 looks on a white background.

Color Contrast Check

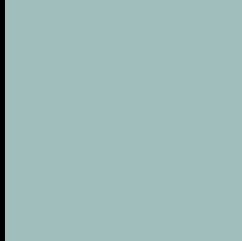
Large Text (above 18pt) WCAG AA × Fail

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 41.9878, 47.9313, 54.6156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

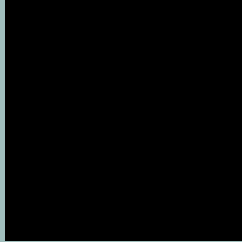
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.9878, 47.9313, 54.6156

Background



This preview shows how black text looks on a background with the XYZ color 41.9878, 47.9313, 54.6156.

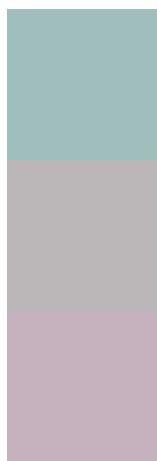


This preview shows how white text looks on a background with the XYZ color 41.9878, 47.9313,

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

41.9878, 47.9313, 54.6156

Protanopia

46.0787, 47.8925, 52.1630

Deuteranopia

48.5034, 47.5643, 55.3396



Tritanopia

43.8670, 48.0648, 63.4653

Trichromacy



Original Color

41.9878, 47.9313, 54.6156

Protanomaly

44.4473, 47.9677, 52.8150

Deuteranomaly

45.6804, 47.3204, 54.8702

Tritanomaly

43.2909, 48.1538, 60.4390

Monochromacy



Original Color

41.9878, 47.9313, 54.6156

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.0258, 46.6259, 52.0794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9878, 47.9313, 54.6156 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(160, 190, 188)` looks like.

```
.text, #text, p{  
    color:rgb(160, 190, 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(160, 190, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 190, 188) }
```

Border

The CSS property to change the border of an element to XYZ 41.9878, 47.9313, 54.6156 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(160, 190, 188) }
```


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

```
.border{ border-color:rgb(160, 190, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 190, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 190, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 190, 188);  
box-shadow:4px 4px 4px 4px rgb(160, 190,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9878, 47.9313, 54.6156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 190, 188) }
```

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

```
.background{ background-color: rgb(160,  
190, 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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