

Converting Colors

XYZ(41.9033, 50.8440, 58.5017)

Have a look what the booklet for
XYZ(41.9033, 50.8440, 58.5017)
contains.

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Color

**XYZ(41.8381, 50.7616,
58.6318)**

Conversions

Conversions Part 1

Format	Color
Hex	91C7C2
RGB	145, 199, 194
RGB Percent	57%, 78%, 76%
CMY	0.4314, 0.2196, 0.2392
CMYK	0.27, 0.00, 0.03, 0.22
HSL	174°, 33%, 67%
HSV	174°, 27%, 78%
XYZ	41.8381, 50.7616, 58.6318
YIQ	182.2840, -30.5790, -13.0030

Conversions

Conversions Part 2

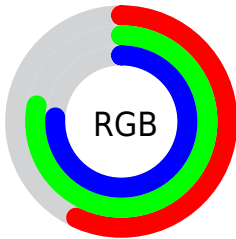
Format	Color
RYB	145, 173, 199
Decimal	9553858
CIELab	76.53, -18.51, -3.17
CIELCh	77, 18.777, 189.721
Yxy	50.7616, 0.2766, 0.3357
Android (android.graphics.Color)	4287743938 (0xFF91C7C2)
YUV	182.2840, 5.7760, -32.6981
Hunter-Lab	71.2472, -19.8630, 1.0812

Details

The XYZ color **41.8381, 50.7616, 58.6318** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.1854, 34.5964, 33.4687**, and the grayscale version is **44.6008, 46.9235, 51.0997**.

A 20% lighter version of the original color is **76.8347, 90.7015, 103.9000**, and **19.2727, 24.4196, 28.5086** is the 20% darker color. If you saturate the color by 10%, you get **38.4286, 49.0290, 57.3991**, and if you desaturate by 10%, it is **45.8673, 52.8160, 59.9091**.

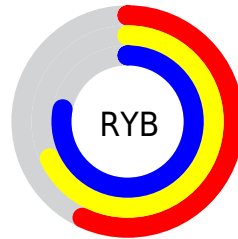
Distribution



Red (57%)

Green (78%)

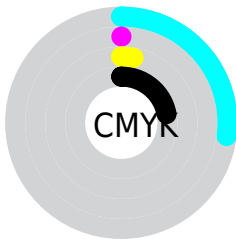
Blue (76%)



Red (57%)

Yellow (68%)

Blue (78%)

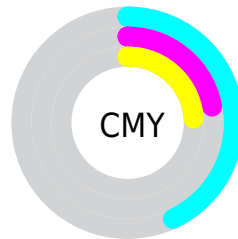


Cyan (27%)

Magenta (0%)

Yellow (3%)

Black (22%)



Cyan (43%)

Magenta (22%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8381, 50.7616, 58.6318 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 41.8381, 50.7616, 58.6318 by changing the saturation by 10% instead.

■ 41.8381, 50.7616,
58.6318

■ 41.8381, 50.7616,
58.6318

344.8144,
389.6368, 437.1999

■ 29.1651, 36.0189,
41.8987

■ 77.2212, 91.3023,
104.3662

■ 19.3507, 24.4488,
28.6970

■ 100.6621,
117.8691, 134.2046

■ 12.0294, 15.6669,
18.6081

128.4229,
149.1460, 169.2485

■ 6.8361, 9.2887,
11.2135

160.8691,
185.5175, 209.9165

■ 3.4052, 4.9300,
6.0947

198.3660,
227.3679, 256.6271

■ 1.3715, 2.2062,
2.8330

241.2789,

■ 0.2358, 0.7234,

275.0817, 309.7988

1.0100

289.9733,
329.0432, 369.8502

■ 0.0000, 0.0000,
0.0000

■ 41.8381, 50.7616,
58.6318

■ 41.8381, 50.7616,
58.6318

■ 38.4286, 49.0290,
57.3991

■ 45.8673, 52.8160,
59.9091

■ 35.6024, 47.5955,
56.2060

■ 50.5416, 55.2013,
61.2289

■ 33.3260, 46.4452,
55.0520

■ 55.8901, 57.9339,
62.5937

■ 31.5607, 45.5581,
53.9351

■ 61.9392, 61.0273,
64.0049

■ 30.2628, 44.9116,
52.8534

■ 68.7134, 64.4943,
65.4637

■ 29.3812, 44.4794,
51.8042

■ 72.6912, 66.5194,
66.8052

■ 28.8461, 44.2255,
50.7844

■ 72.9152, 66.6089,
67.9847

■ 28.7206, 44.1671,
50.4961

■ 73.1418, 66.6996,
69.1781

■ 73.3711, 66.7913,
70.3854

Harmonies

Analogous

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



42.1339, 50.7616, 48.7794



41.8381, 50.7616, 58.6318



43.1938, 50.7616, 68.7031

Triad

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



41.8381, 50.7616, 58.6318



52.7342, 50.7616, 71.6804



50.6477, 50.7616, 38.9122

Complementary

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



41.8381, 50.7616, 58.6318



39.1854, 34.5964, 33.4687

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.



53.6805, 50.7616, 43.7143



41.8381, 50.7616, 58.6318



54.9254, 50.7616, 62.3139

Square

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



41.8381, 50.7616, 58.6318



49.4071, 50.7616, 76.8226



55.2799, 50.7616, 52.0407



47.1059, 50.7616, 38.1813

Rectangle

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



41.8381, 50.7616, 58.6318



44.8926, 50.7616, 73.8940



55.2799, 50.7616, 52.0407



51.7652, 50.7616, 40.0731

Sweetspot

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



41.8396, 50.7637, 58.6330



87.6362, 96.2130, 106.9727



38.1872, 49.4153, 34.3146



18.4780, 20.4507, 22.8202



0.0000, 0.0000, 0.0000



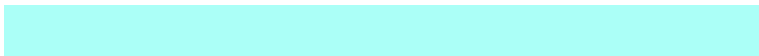
20.3446, 21.4041, 23.3091

Same Dimension

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



41.8396, 50.7637, 58.6330



69.3421, 86.8891, 101.2781



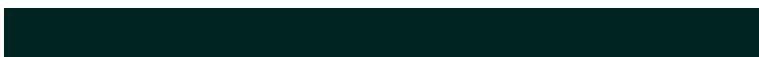
37.7887, 41.7475, 60.1015



10.9027, 12.0500, 13.4378



18.4845, 28.4062, 32.5598



0.8879, 1.3501, 1.6085

Inverse Universe

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



39.1854, 34.5964, 33.4687



63.8754, 53.5695, 49.4332



42.4113, 41.6793, 32.5987



10.6731, 10.6526, 11.2619



15.2323, 7.8425, 1.1673



0.7352, 0.3769, 0.1290

Previews

White Background



This preview shows how the XYZ color 41.8381, 50.7616, 58.6318 looks on a white background.

Color Contrast Check

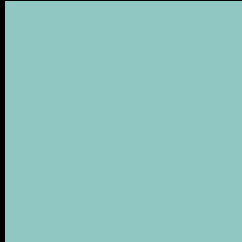
Large Text (above 18pt) WCAG AA × Fail

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 41.8381, 50.7616, 58.6318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

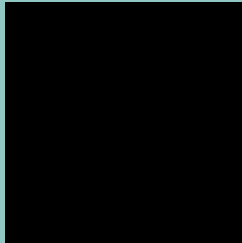
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.8381, 50.7616, 58.6318

Background



This preview shows how black text looks on a background with the XYZ color 41.8381, 50.7616, 58.6318.



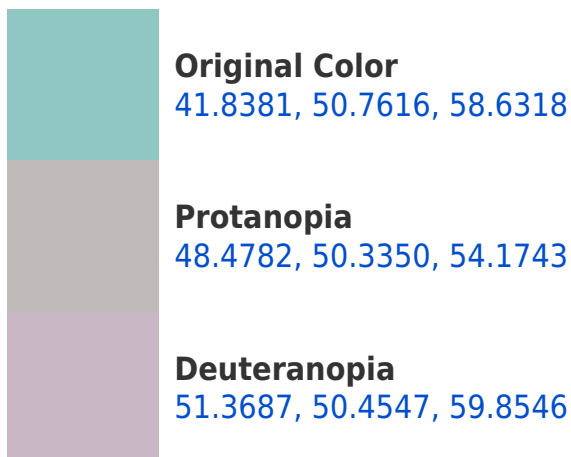
This preview shows how white text looks on a background with the XYZ color 41.8381, 50.7616,

58.6318.

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





Tritanopia

44.0180, 50.6229, 69.7386

Trichromacy



Original Color

41.8381, 50.7616, 58.6318

Protanomaly

45.6043, 50.0933, 55.9806

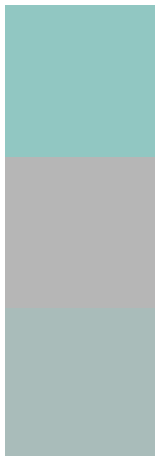
Deuteranomaly

47.2175, 50.2045, 59.4264

Tritanomaly

43.1984, 50.6362, 65.2546

Monochromacy



Original Color

41.8381, 50.7616, 58.6318

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.2083, 47.9466, 53.4317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8381, 50.7616, 58.6318 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(145, 199, 194)` looks like.

```
.text, #text, p{  
    color:rgb(145, 199, 194)  
}
```

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(145, 199, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 199, 194) }
```

Border

The CSS property to change the border of an element to XYZ 41.8381, 50.7616, 58.6318 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(145, 199, 194) }
```


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

```
.border{ border-color:rgb(145, 199, 194) }
```

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

Here you see how a box with a 4 pixel rgb(145, 199, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 199, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 199, 194);  
box-shadow:4px 4px 4px 4px rgb(145, 199,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8381, 50.7616, 58.6318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 199, 194) }
```

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

```
.background{ background-color: rgb(145,  
199, 194) }
```

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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