

Converting Colors

XYZ(41.8866, 47.1116, 60.3119)

Have a look what the booklet for
XYZ(41.8866, 47.1116, 60.3119)
contains.

XYZ(41.8866, 47.1116, 60.3119)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.8866, 47.1116,
60.3119)**

Conversions

Conversions Part 1

Format	Color
Hex	9CBCC6
RGB	156, 188, 198
RGB Percent	61%, 74%, 78%
CMY	0.3882, 0.2627, 0.2235
CMYK	0.21, 0.05, 0.00, 0.22
HSL	194°, 27%, 69%
HSV	194°, 21%, 78%
XYZ	41.8866, 47.1116, 60.3119
YIQ	179.5720, -22.2820, -3.6740

Conversions

Conversions Part 2

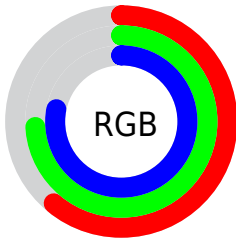
Format	Color
RYB	156, 174, 198
Decimal	10271942
CIELab	74.26, -8.56, -8.63
CIELCh	74, 12.156, 225.227
Yxy	47.1116, 0.2805, 0.3155
Android (android.graphics.Color)	4288462022 (0xFF9CBCC6)
YUV	179.5720, 9.0850, -20.6726
Hunter-Lab	68.6379, -11.1858, -4.0514

Details

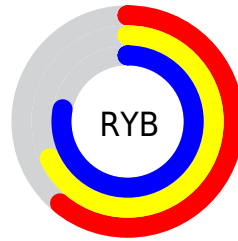
The XYZ color **41.8866, 47.1116, 60.3119** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.9262, 41.6787, 37.2359**, and the grayscale version is **43.1157, 45.3611, 49.3982**.

A 20% lighter version of the original color is **77.2647, 85.7703, 107.0908**, and **19.4069, 22.2846, 29.6641** is the 20% darker color. If you saturate the color by 10%, you get **37.3729, 43.3155, 59.8178**, and if you desaturate by 10%, it is **47.0605, 51.2993, 60.8483**.

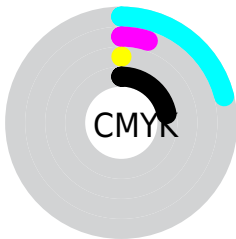
Distribution



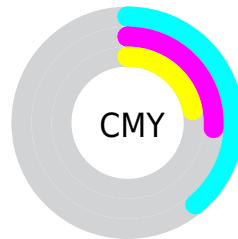
- Red (61%)
- Green (74%)
- Blue (78%)



- Red (61%)
- Yellow (68%)
- Blue (78%)



- Cyan (21%)
- Magenta (5%)
- Yellow (0%)
- Black (22%)



- Cyan (39%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8866, 47.1116, 60.3119 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 41.8866, 47.1116, 60.3119 by changing the saturation by 10% instead.

■ 41.8866, 47.1116,
60.3119

■ 41.8866, 47.1116,
60.3119

345.0123,
375.2598, 443.5830

■ 29.2032, 33.1239,
43.2431

■ 77.2942, 85.8802,
106.8298

■ 19.3797, 22.2214,
29.7431

■ 100.7492,
111.4298, 137.1160

■ 12.0506, 14.0196,
19.3933

128.5253,
141.6023, 172.6451

■ 6.8506, 8.1343,
11.7751

160.9881,
176.7819, 213.8356

■ 3.4143, 4.1810,
6.4701

198.5029,
217.3530, 261.1062

■ 1.3765, 1.7753,
3.0596

241.4349,

■ 0.2394, 0.4717,

263.7001, 314.8752

1.1251

290.1496,
316.2076, 375.5613

■ 0.0000, 0.0000,
0.0000

■ 41.8866, 47.1116,
60.3119

■ 41.8866, 47.1116,
60.3119

■ 37.3729, 43.3155,
59.8178

■ 47.0605, 51.2993,
60.8483

■ 33.4848, 39.8890,
59.3614

■ 52.9190, 55.8880,
61.4252

■ 30.1905, 36.8165,
58.9420

■ 59.4902, 60.8939,
62.0451

■ 27.4539, 34.0790,
58.5578

■ 66.7993, 66.3303,
62.7092

■ 25.2346, 31.6550,
58.2069

■ 74.8693, 72.2096,
63.4187

■ 23.4865, 29.5205,
57.8870

■ 76.0617, 74.5943,
63.8161

■ 22.1548, 27.6466,
57.5955

■ 77.2887, 77.0483,
64.2251

■ 21.2387, 26.1684,
57.3585

■ 78.5507, 79.5722,
64.6458

■ 79.8479, 82.1666,
65.0782

Harmonies

Analogous

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



40.8491, 47.1116, 54.5188



41.8866, 47.1116, 60.3119



43.7164, 47.1116, 63.8198

Triad

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



41.8866, 47.1116, 60.3119



48.9605, 47.1116, 54.4232



43.6848, 47.1116, 40.5501

Complementary

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



41.8866, 47.1116, 60.3119



42.9262, 41.6787, 37.2359

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.



45.8570, 47.1116, 40.5291



41.8866, 47.1116, 60.3119



48.9514, 47.1116, 48.2038

Square

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



41.8866, 47.1116, 60.3119



47.8244, 47.1116, 60.2370



47.7998, 47.1116, 43.2275



41.8641, 47.1116, 43.2876

Rectangle

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



41.8866, 47.1116, 60.3119



45.1616, 47.1116, 64.2225



47.7998, 47.1116, 43.2275



44.3969, 47.1116, 40.2329

Sweetspot

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



41.8880, 47.1135, 60.3130



88.4925, 94.9110, 108.2633



40.7699, 50.2028, 43.5226



18.7942, 20.1998, 23.1583



0.0000, 0.0000, 0.0000



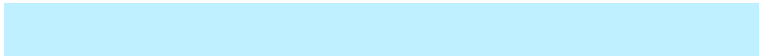
20.3446, 21.4041, 23.3091

Same Dimension

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



41.8880, 47.1135, 60.3130



70.7074, 80.5460, 106.4280



37.7597, 38.8570, 58.9369



10.7245, 11.6231, 13.5957



13.8806, 17.1552, 37.3241



0.7105, 0.9187, 1.7850

Inverse Universe

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



44.2554, 39.4147, 52.8544



75.6275, 64.9116, 90.8450



47.0183, 49.8628, 38.5999



10.9710, 10.7718, 12.8304



18.8056, 9.2718, 19.9841



0.9173, 0.4498, 1.0877

Previews

White Background



This preview shows how the XYZ color 41.8866, 47.1116, 60.3119 looks on a white background.

Color Contrast Check

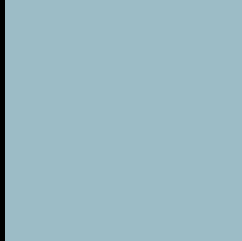
Large Text (above 18pt) WCAG AA × Fail

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 41.8866, 47.1116, 60.3119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

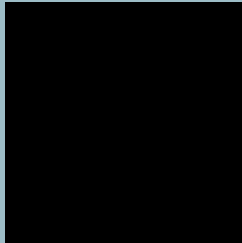
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.8866, 47.1116, 60.3119

Background



This preview shows how black text looks on a background with the XYZ color 41.8866, 47.1116, 60.3119.



This preview shows how white text looks on a background with the XYZ color 41.8866, 47.1116,

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

41.8866, 47.1116, 60.3119

Protanopia

45.5529, 46.8879, 57.6883

Deuteranopia

47.8857, 46.8209, 61.1571



Tritanopia

42.3356, 46.9730, 62.7125

Trichromacy



Original Color

41.8866, 47.1116, 60.3119

Protanomaly

44.2244, 47.1053, 58.3911

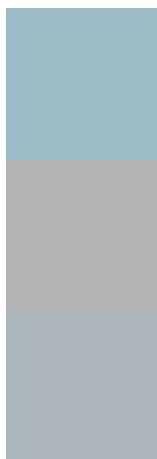
Deuteranomaly

45.4231, 46.7550, 60.6634

Tritanomaly

42.2176, 46.9258, 62.0908

Monochromacy



Original Color

41.8866, 47.1116, 60.3119

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.6977, 46.1128, 53.6640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8866, 47.1116, 60.3119 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(156, 188, 198)` looks like.

```
.text, #text, p{  
    color:rgb(156, 188, 198)  
}
```

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(156, 188, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 188, 198) }
```

Border

The CSS property to change the border of an element to XYZ 41.8866, 47.1116, 60.3119 is called "border". The border property can be set on classes, ids or directly on the HTML element.

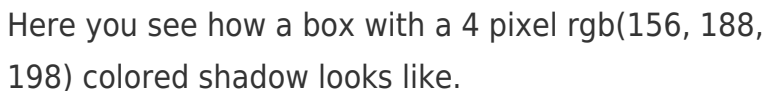
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 188, 198) }
```


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

```
.border{ border-color:rgb(156, 188, 198) }
```

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



Here you see how a box with a 4 pixel rgb(156, 188, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 188, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 188, 198); box-shadow:4px 4px 4px 4px rgb(156, 188, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8866, 47.1116, 60.3119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 188, 198) }
```

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

```
.background{ background-color: rgb(156,  
188, 198) }
```

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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