

Converting Colors

XYZ(35.8725, 41.5149, 47.1698)

Have a look what the booklet for
XYZ(35.8725, 41.5149, 47.1698)
contains.

XYZ(35.8106, 41.4858, 47.1944)	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(35.8106, 41.4858,
47.1944)**

Conversions

Conversions Part 1

Format	Color
Hex	92B3B0
RGB	146, 179, 176
RGB Percent	57%, 70%, 69%
CMY	0.4274, 0.2980, 0.3098
CMYK	0.18, 0.00, 0.02, 0.30
HSL	175°, 18%, 64%
HSV	175°, 18%, 70%
XYZ	35.8106, 41.4858, 47.1944
YIQ	168.7910, -18.7050, -7.9290

Conversions

Conversions Part 2

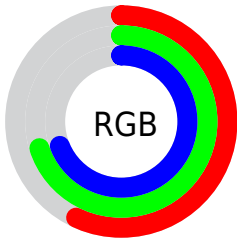
Format	Color
RYB	146, 163, 179
Decimal	9614256
CIELab	70.51, -11.78, -2.19
CIELCh	71, 11.984, 190.553
Yxy	41.4858, 0.2877, 0.3332
Android (android.graphics.Color)	4287804336 (0xFF92B3B0)
YUV	168.7910, 3.5540, -19.9877
Hunter-Lab	64.4095, -13.4735, 1.6434

Details

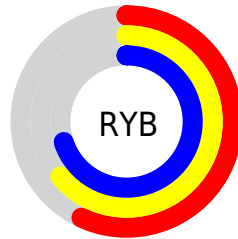
The XYZ color **35.8106, 41.4858, 47.1944** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.2956, 32.3125, 32.8649**, and the grayscale version is **37.5994, 39.5575, 43.0781**.

A 20% lighter version of the original color is **68.0932, 77.5222, 87.7183**, and **15.8183, 18.8098, 21.8657** is the 20% darker color. If you saturate the color by 10%, you get **32.7145, 39.9093, 46.2141**, and if you desaturate by 10%, it is **39.4092, 43.3233, 48.2100**.

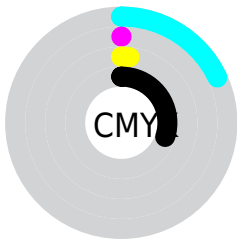
Distribution



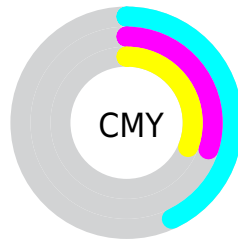
- Red (57%)
- Green (70%)
- Blue (69%)



- Red (57%)
- Yellow (64%)
- Blue (70%)



- Cyan (18%)
- Magenta (0%)
- Yellow (2%)
- Black (30%)



- Cyan (43%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.8106, 41.4858, 47.1944 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 35.8106, 41.4858, 47.1944 by changing the saturation by 10% instead.

■ 35.8106, 41.4858,
47.1944

■ 35.8106, 41.4858,
47.1944

319.5777,
352.3469, 392.0062

■ 24.4574, 28.6989,
32.8339

■ 68.0654, 77.4208,
87.3567

■ 15.7998, 18.8531,
21.7292

■ 89.6977, 101.3377,
113.9957

■ 9.4726, 11.5642,
13.4616

115.4871,
129.7333, 145.5645

■ 5.1102, 6.4477,
7.6127

145.7989,
162.9921, 182.4818

■ 2.3475, 3.1192,
3.7640

180.9985,
201.4985, 225.1661

■ 0.8188, 1.1943,
1.4968

221.4513,

■ 0.0000, 0.0570,

245.6368, 274.0359

0.2155

267.5225,
295.7915, 329.5097

■ 0.0000, 0.0000,
0.0000

■ 35.8106, 41.4858,
47.1944

■ 35.8106, 41.4858,
47.1944

■ 32.7145, 39.9093,
46.2141

■ 39.4092, 43.3233,
48.2100

■ 30.0944, 38.5769,
45.2653

■ 43.5285, 45.4279,
49.2593

■ 27.9263, 37.4772,
44.3477

■ 48.1899, 47.8118,
50.3441

■ 26.1830, 36.5964,
43.4599

■ 53.4126, 50.4848,
51.4653

■ 24.8345, 35.9188,
42.6006

■ 59.2152, 53.4565,
52.6239

■ 23.8465, 35.4269,
41.7681

■ 65.6149, 56.7358,
53.8208

■ 23.1790, 35.1000,
40.9604

■ 66.3736, 57.1068,
54.7639

■ 22.7643, 34.9032,
40.1745

■ 66.5495, 57.1772,
55.6901

■ 22.7064, 34.8760,
40.0528

■ 66.7273, 57.2483,
56.6267

Harmonies

Analogous

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



35.9539, 41.4858, 41.6423



35.8106, 41.4858, 47.1944



36.6125, 41.4858, 52.6255

Triad

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



35.8106, 41.4858, 47.1944



41.9546, 41.4858, 53.9585



40.7103, 41.4858, 35.6629

Complementary

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



35.8106, 41.4858, 47.1944



34.2956, 32.3125, 32.8649

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.



42.3905, 41.4858, 38.4559



35.8106, 41.4858, 47.1944



43.1254, 41.4858, 48.8936

Square

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



35.8106, 41.4858, 47.1944



40.1313, 41.4858, 56.7418



43.2876, 41.4858, 43.2062



38.7389, 41.4858, 35.2909

Rectangle

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



35.8106, 41.4858, 47.1944



37.5915, 41.4858, 55.3305



43.2876, 41.4858, 43.2062



41.3296, 41.4858, 36.3380

Sweetspot

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



35.8118, 41.4875, 47.1953



72.2153, 78.4237, 86.7720



33.7589, 40.7351, 33.2781



15.8986, 17.3233, 19.1979



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



35.8118, 41.4875, 47.1953



61.8477, 73.1335, 83.8231



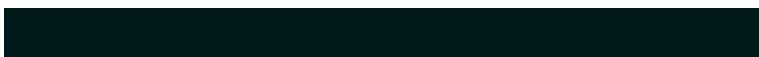
33.5918, 36.5668, 47.9375



8.7086, 9.6180, 10.7254



16.0573, 24.6489, 28.3680



0.5149, 0.7794, 0.9434

Inverse Universe

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



34.2956, 32.3125, 32.8649



58.6437, 53.7416, 53.5384



36.2127, 36.5255, 32.3363



8.5267, 8.5174, 9.0062



13.2156, 6.8038, 1.0294



0.4261, 0.2182, 0.0863

Previews

White Background



This preview shows how the XYZ color 35.8106, 41.4858, 47.1944 looks on a white background.

Color Contrast Check

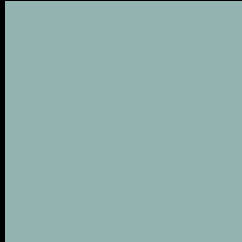
Large Text (above 18pt) WCAG AA × Fail

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 35.8106, 41.4858, 47.1944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

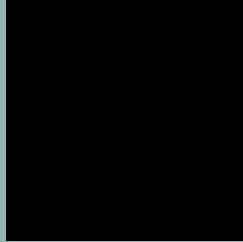
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.8106, 41.4858, 47.1944

Background



This preview shows how black text looks on a background with the XYZ color 35.8106, 41.4858, 47.1944.

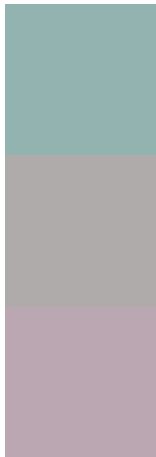


This preview shows how white text looks on a background with the XYZ color 35.8106, 41.4858,

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

35.8106, 41.4858, 47.1944

Protanopia

39.5928, 41.1801, 44.3899

Deuteranopia

42.1043, 41.2909, 47.8703



Tritanopia

37.5205, 41.5954, 55.3414

Trichromacy



Original Color

35.8106, 41.4858, 47.1944

Protanomaly

37.9887, 41.1817, 45.4818

Deuteranomaly

39.2933, 40.9581, 47.4297

Tritanomaly

36.9961, 41.6819, 52.5499

Monochromacy



Original Color

35.8106, 41.4858, 47.1944

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.0879, 40.4428, 44.8812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8106, 41.4858, 47.1944 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(146, 179, 176)` looks like.

```
.text, #text, p{  
    color:rgb(146, 179, 176)  
}
```

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(146, 179, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 179, 176) }
```

Border

The CSS property to change the border of an element to XYZ 35.8106, 41.4858, 47.1944 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(146, 179, 176) }
```


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

```
.border{ border-color:rgb(146, 179, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 179, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 179, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 179, 176);  
box-shadow:4px 4px 4px 4px rgb(146, 179,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8106, 41.4858, 47.1944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 179, 176) }
```

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

```
.background{ background-color: rgb(146,  
179, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor