

Converting Colors

XYZ(41.1417, 43.8106, 47.0559)

Have a look what the booklet for
XYZ(41.1417, 43.8106, 47.0559)
contains.

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Color

**XYZ(41.1138, 43.9346,
46.8707)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB2AF
RGB	174, 178, 175
RGB Percent	68%, 70%, 69%
CMY	0.3176, 0.3019, 0.3137
CMYK	0.02, 0.00, 0.02, 0.30
HSL	135°, 3%, 69%
HSV	135°, 2%, 70%
XYZ	41.1138, 43.9346, 46.8707
YIQ	176.4620, -1.4210, -1.7810

Conversions

Conversions Part 2

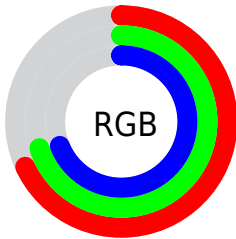
Format	Color
RYB	174, 177, 178
Decimal	11449007
CIELab	72.18, -1.97, 1.03
CIElCh	72, 2.220, 152.330
Yxy	43.9346, 0.3117, 0.3330
Android (android.graphics.Color)	4289639087 (0xFFAEB2AF)
YUV	176.4620, -0.7208, -2.1592
Hunter-Lab	66.2832, -5.2765, 4.4726

Details

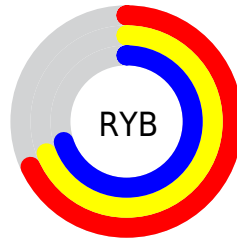
The XYZ color **41.1138, 43.9346, 46.8707** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.4336, 42.9125, 47.6963**, and the grayscale version is **41.5133, 43.6752, 47.5623**.

A 20% lighter version of the original color is **76.0188, 81.2168, 86.5327**, and **18.9348, 20.2349, 21.6466** is the 20% darker color. If you saturate the color by 10%, you get **36.1607, 41.5266, 40.1280**, and if you desaturate by 10%, it is **46.7247, 46.6692, 54.3231**.

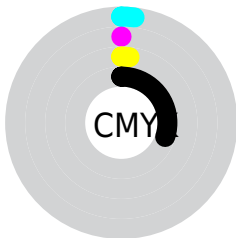
Distribution



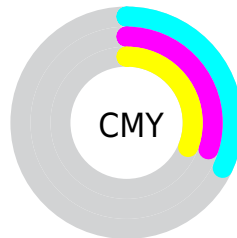
- Red (68%)
- Green (70%)
- Blue (69%)



- Red (68%)
- Yellow (69%)
- Blue (70%)



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



- Cyan (32%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1138, 43.9346, 46.8707 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 41.1138, 43.9346, 46.8707 by changing the saturation by 10% instead.

■ 41.1138, 43.9346,
46.8707

■ 41.1138, 43.9346,
46.8707

341.8505,
362.4413, 390.6770

■ 28.5961, 30.6191,
32.5798

■ 76.1302, 81.1193,
86.8685

■ 18.9182, 20.3090,
21.5363

99.3597, 105.7573,
113.4126

■ 11.7149, 12.6198,
13.3215

126.8904,
134.9383, 144.8782

■ 6.6206, 7.1673,
7.5170

159.0877,
169.0466, 181.6837

■ 3.2702, 3.5669,
3.7042

196.3170,
208.4667, 224.2478

■ 1.2982, 1.4344,
1.4645

238.9437,

■ 0.1819, 0.2419,

253.5829, 272.9891

0.1913

287.3331,
304.7797, 328.3259

■ 0.0000, 0.0000,
0.0000

■ 41.1138, 43.9346,
46.8707

■ 41.1138, 43.9346,
46.8707

■ 36.1607, 41.5266,
40.1280

■ 46.7247, 46.6692,
54.3231

■ 31.8375, 39.4274,
34.0715

■ 53.0125, 49.7362,
62.5021

■ 28.1194, 37.6262,
28.6804

■ 60.0005, 53.1484,
71.4278

■ 24.9791, 36.1091,
23.9318

■ 67.7095, 56.9160,
81.1185

■ 22.3867, 34.8614,
19.8017

■ 73.1535, 59.4994,
91.4512

■ 20.3097, 33.8669,
16.2645

■ 75.2112, 60.3225,
102.2871

■ 18.7122, 33.1074,
13.2927

■ 17.5532, 32.5626,
10.8567

■ 16.7845, 32.2084,
8.9240

Harmonies

Analogous

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



41.3684, 43.9346, 46.0883



41.1138, 43.9346, 46.8707



41.0316, 43.9346, 47.9226

Triad

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



41.1138, 43.9346, 46.8707



41.7883, 43.9346, 49.9620



42.3799, 43.9346, 46.7253

Complementary

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



41.1138, 43.9346, 46.8707



41.4336, 42.9125, 47.6963

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.



42.4939, 43.9346, 47.7522



41.1138, 43.9346, 46.8707



42.1511, 43.9346, 49.6301

Square

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



41.1138, 43.9346, 46.8707



41.4196, 43.9346, 49.7174



42.4099, 43.9346, 48.8171



42.0993, 43.9346, 46.0052

Rectangle

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



41.1138, 43.9346, 46.8707



41.0853, 43.9346, 48.6380



42.4099, 43.9346, 48.8171



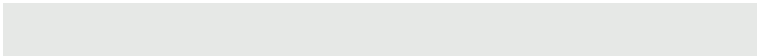
42.4391, 43.9346, 47.0455

Sweetspot

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



41.1150, 43.9365, 46.8717



75.7435, 80.2502, 86.5885



41.7088, 44.2539, 46.3885



16.7925, 17.7851, 19.1992



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.



41.1150, 43.9365, 46.8717



73.7910, 79.2997, 83.9656



41.3066, 44.0131, 47.8802



9.1044, 9.8309, 10.3431



11.7447, 22.9238, 5.6584



0.3933, 0.7308, 0.3033

Inverse Universe

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



41.4336, 42.9125, 47.6963



74.5707, 76.7931, 85.9842



41.2420, 42.8359, 46.6873



9.2225, 9.4514, 10.6487



16.2186, 8.0050, 16.8428



0.5320, 0.2605, 0.6442

Previews

White Background



This preview shows how the XYZ color 41.1138, 43.9346, 46.8707 looks on a white background.

Color Contrast Check

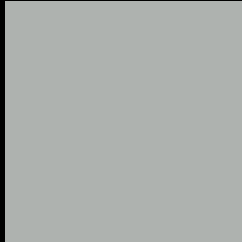
Large Text (above 18pt) WCAG AA × Fail

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 41.1138, 43.9346, 46.8707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

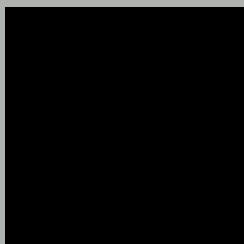
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

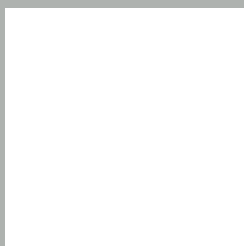
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.1138, 43.9346, 46.8707

Background



This preview shows how black text looks on a background with the XYZ color 41.1138, 43.9346, 46.8707.



This preview shows how white text looks on a background with the XYZ color 41.1138, 43.9346,

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

41.1138, 43.9346, 46.8707

Protanopia

42.2214, 43.9304, 46.2985

Deuteranopia

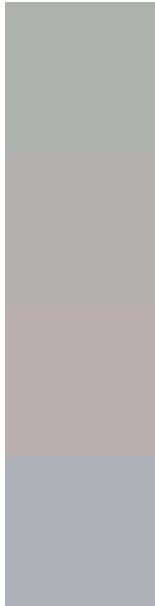
44.6475, 43.7297, 47.1618



Tritanopia

42.7241, 43.9985, 54.9560

Trichromacy



Original Color

41.1138, 43.9346, 46.8707

Protanomaly

41.7222, 43.9653, 46.3315

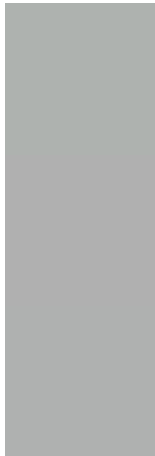
Deuteranomaly

43.4660, 43.9715, 47.2707

Tritanomaly

42.1583, 44.0610, 52.1816

Monochromacy



Original Color

41.1138, 43.9346, 46.8707

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.2378, 43.6928, 47.3344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1138, 43.9346, 46.8707 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(174, 178, 175)` looks like.

```
.text, #text, p{  
    color:rgb(174, 178, 175)  
}
```

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(174, 178, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 178, 175) }
```

Border

The CSS property to change the border of an element to XYZ 41.1138, 43.9346, 46.8707 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(174, 178, 175) }
```


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

```
.border{ border-color:rgb(174, 178, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 178, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 178, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 178, 175);  
box-shadow:4px 4px 4px 4px rgb(174, 178,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1138, 43.9346, 46.8707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 178, 175) }
```

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

```
.background{ background-color: rgb(174,  
178, 175) }
```

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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