

Converting Colors

XYZ(41.0399, 44.0426, 46.9809)

Have a look what the booklet for
XYZ(41.0399, 44.0426, 46.9809)
contains.

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Color

**XYZ(41.0915, 44.2196,
46.9269)**

Conversions

Conversions Part 1

Format	Color
Hex	ADB3AF
RGB	173, 179, 175
RGB Percent	68%, 70%, 69%
CMY	0.3216, 0.2980, 0.3137
CMYK	0.03, 0.00, 0.02, 0.30
HSL	140°, 4%, 69%
HSV	140°, 3%, 70%
XYZ	41.0915, 44.2196, 46.9269
YIQ	176.7500, -2.2920, -2.5160

Conversions

Conversions Part 2

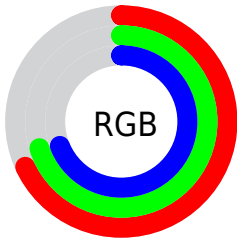
Format	Color
RYB	173, 178, 179
Decimal	11383727
CIELab	72.38, -2.85, 1.30
CIElCh	72, 3.136, 155.538
Yxy	44.2196, 0.3107, 0.3344
Android (android.graphics.Color)	4289573807 (0xFFADB3AF)
YUV	176.7500, -0.8627, -3.2887
Hunter-Lab	66.4978, -6.0693, 4.7081

Details

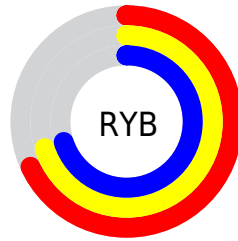
The XYZ color **41.0915, 44.2196, 46.9269** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.4714, 42.6462, 47.6428**, and the grayscale version is **41.6651, 43.8349, 47.7362**.

A 20% lighter version of the original color is **75.9862, 81.6238, 86.6130**, and **18.9212, 20.4167, 21.6825** is the 20% darker color. If you saturate the color by 10%, you get **36.2745, 41.8671, 40.8503**, and if you desaturate by 10%, it is **46.5450, 46.8907, 53.5762**.

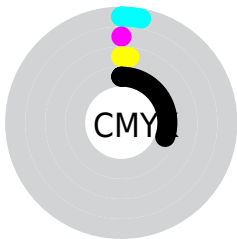
Distribution



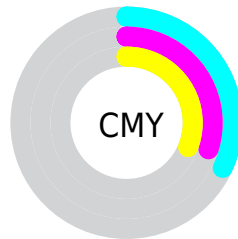
- Red (68%)
- Green (70%)
- Blue (69%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (30%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0915, 44.2196, 46.9269 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 41.0915, 44.2196, 46.9269 by changing the saturation by 10% instead.

■ 41.0915, 44.2196,
46.9269

■ 41.0915, 44.2196,
46.9269

341.7589,
363.6037, 390.9080

■ 28.5786, 30.8432,
32.6239

■ 76.0966, 81.5481,
86.9533

■ 18.9049, 20.4795,
21.5698

99.3195, 106.2689,
113.5139

■ 11.7052, 12.7440,
13.3458

126.8431,
135.5401, 144.9974

■ 6.6140, 7.2525,
7.5336

159.0327,
169.7459, 181.8224

■ 3.2661, 3.6205,
3.7145

196.2538,
209.2707, 224.4074

■ 1.2960, 1.4636,
1.4701

238.8716,

■ 0.1802, 0.2629,

254.4991, 273.1710

0.1955

287.2515,
305.8152, 328.5317

■ 0.0000, 0.0000,
0.0000

■ 41.0915, 44.2196,
46.9269

■ 41.0915, 44.2196,
46.9269

■ 36.2745, 41.8671,
40.8503

■ 46.5450, 46.8907,
53.5762

■ 32.0667, 39.8158,
35.3283

■ 52.6535, 49.8860,
60.8096

■ 28.4442, 38.0549,
30.3463

■ 59.4397, 53.2181,
68.6421

■ 25.3802, 36.5708,
25.8878

■ 66.9237, 56.8970,
77.0872

■ 22.8454, 35.3489,
21.9356

■ 72.3104, 59.4817,
86.0262

■ 20.8083, 34.3733,
18.4715

■ 74.0905, 60.1938,
95.4002

■ 19.2335, 33.6261,
15.4761

■ 75.4110, 60.7220,
102.3537

■ 18.0805, 33.0869,
12.9289

■ 17.3017, 32.7316,
10.8073

Harmonies

Analogous

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



41.4289, 44.2196, 45.7685



41.0915, 44.2196, 46.9269



41.0045, 44.2196, 48.4351

Triad

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



41.0915, 44.2196, 46.9269



42.1297, 44.2196, 51.1680



42.8799, 44.2196, 46.4401

Complementary

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



41.0915, 44.2196, 46.9269



41.4714, 42.6462, 47.6428

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.



43.0712, 44.2196, 47.8613



41.0915, 44.2196, 46.9269



42.6357, 44.2196, 50.6078

Square

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



41.0915, 44.2196, 46.9269



41.6010, 44.2196, 50.9050



42.9815, 44.2196, 49.3893



42.4608, 44.2196, 45.4917

Rectangle

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



41.0915, 44.2196, 46.9269



41.0996, 44.2196, 49.4408



42.9815, 44.2196, 49.3893



42.9731, 44.2196, 46.8772

Sweetspot

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



41.0927, 44.2215, 46.9279



75.7707, 80.2611, 86.7320



41.8189, 44.6184, 45.9437



16.7983, 17.7874, 19.2293



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.



41.0927, 44.2215, 46.9279



72.9390, 78.8759, 83.2316



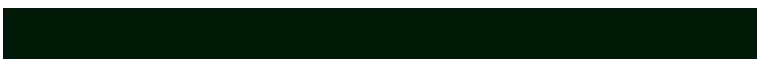
41.3810, 44.3368, 48.4457



9.0111, 9.7841, 10.2758



11.9883, 23.0213, 6.9413



0.4050, 0.7355, 0.3646

Inverse Universe

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



41.4714, 42.6462, 47.6428



73.7576, 75.4704, 84.7773



41.1851, 42.5317, 46.1351



9.1273, 9.3005, 10.4953



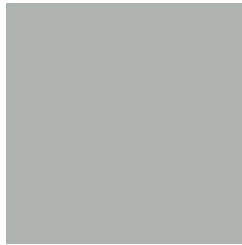
15.5362, 7.7320, 13.2494



0.5145, 0.2536, 0.5523

Previews

White Background



This preview shows how the XYZ color 41.0915, 44.2196, 46.9269 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 41.0915, 44.2196, 46.9269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

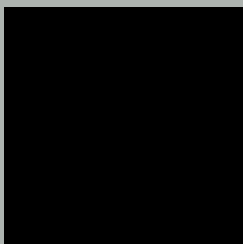
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

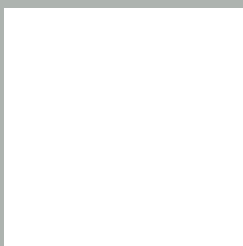
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.0915, 44.2196, 46.9269

Background



This preview shows how black text looks on a background with the XYZ color 41.0915, 44.2196, 46.9269.



This preview shows how white text looks on a background with the XYZ color 41.0915, 44.2196,

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

41.0915, 44.2196, 46.9269

Protanopia

42.4182, 44.3240, 46.3641

Deuteranopia

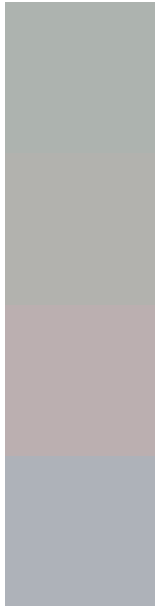
45.0947, 44.2417, 47.2371



Tritanopia

42.8053, 44.3198, 55.5887

Trichromacy



Original Color

41.0915, 44.2196, 46.9269

Protanomaly

41.9205, 44.3618, 46.3976

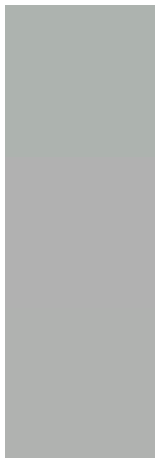
Deuteranomaly

43.6600, 44.3593, 47.3354

Tritanomaly

42.1329, 44.3422, 52.2372

Monochromacy



Original Color

41.0915, 44.2196, 46.9269

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.6614, 44.2055, 47.4110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0915, 44.2196, 46.9269 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(173, 179, 175)` looks like.

```
.text, #text, p{  
    color:rgb(173, 179, 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(173, 179, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 179, 175) }
```

Border

The CSS property to change the border of an element to XYZ 41.0915, 44.2196, 46.9269 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(173, 179, 175) }
```


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

```
.border{ border-color:rgb(173, 179, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 179, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 179, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 179, 175);  
box-shadow:4px 4px 4px 4px rgb(173, 179,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0915, 44.2196, 46.9269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 179, 175) }
```

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

```
.background{ background-color: rgb(173,  
179, 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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