

Converting Colors

XYZ(41.0057, 43.6590, 48.3701)

Have a look what the booklet for
XYZ(41.0057, 43.6590, 48.3701)
contains.

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Color

**XYZ(40.9916, 43.5429,
48.3636)**

Conversions

Conversions Part 1

Format	Color
Hex	ADB1B2
RGB	173, 177, 178
RGB Percent	68%, 69%, 70%
CMY	0.3216, 0.3059, 0.3020
CMYK	0.03, 0.01, 0.00, 0.30
HSL	192°, 3%, 69%
HSV	192°, 3%, 70%
XYZ	40.9916, 43.5429, 48.3636
YIQ	175.9180, -2.7050, -0.5370

Conversions

Conversions Part 2

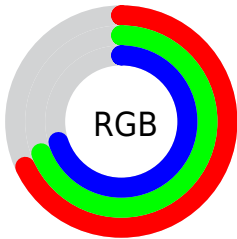
Format	Color
RYB	173, 175, 178
Decimal	11383218
CIELab	71.92, -1.21, -1.01
CIELCh	72, 1.574, 219.855
Yxy	43.5429, 0.3084, 0.3276
Android (android.graphics.Color)	4289573298 (0xFFADB1B2)
YUV	175.9180, 1.0264, -2.5591
Hunter-Lab	65.9870, -4.5919, 2.7358

Details

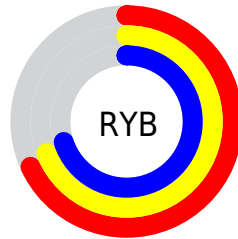
The XYZ color **40.9916, 43.5429, 48.3636** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.0390, 42.7537, 45.6251**, and the grayscale version is **41.2210, 43.3677, 47.2274**.

A 20% lighter version of the original color is **75.9851, 80.7123, 89.4161**, and **18.7945, 19.9609, 22.2643** is the 20% darker color. If you saturate the color by 10%, you get **36.6232, 40.2649, 47.9618**, and if you desaturate by 10%, it is **45.9051, 47.1314, 48.7979**.

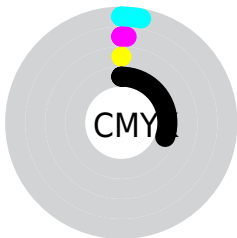
Distribution



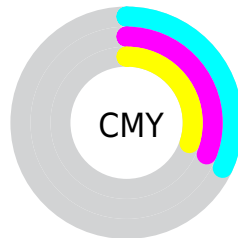
- Red (68%)
- Green (69%)
- Blue (70%)



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



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (30%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9916, 43.5429, 48.3636 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 40.9916, 43.5429, 48.3636 by changing the saturation by 10% instead.

■ 40.9916, 43.5429,
48.3636

■ 40.9916, 43.5429,
48.3636

341.3487,
360.8397, 396.7818

■ 28.5002, 30.3113,
33.7529

■ 75.9459, 80.5295,
89.1167

■ 18.8454, 20.0750,
22.4280

99.1395, 105.0533,
116.0962

■ 11.6620, 12.4496,
13.9704

126.6312,
134.1099, 148.0356

■ 6.5845, 7.0506,
7.9616

158.7864,
168.0838, 185.3536

■ 3.2476, 3.4938,
3.9829

195.9704,
207.3593, 228.4687

■ 1.2860, 1.3946,
1.6160

238.5485,

■ 0.1727, 0.2128,

252.3209, 277.7994

0.3022

286.8862,
303.3529, 333.7642

■ 0.0000, 0.0000,
0.0000

■ 40.9916, 43.5429,
48.3636

■ 40.9916, 43.5429,
48.3636

■ 36.6232, 40.2649,
47.9618

■ 45.9051, 47.1314,
48.7979

■ 32.7755, 37.2810,
47.5886

■ 51.3796, 51.0352,
49.2629

■ 29.4277, 34.5815,
47.2440

■ 57.4349, 55.2658,
49.7603

■ 26.5561, 32.1539,
46.9268

■ 64.0888, 59.8327,
50.2911

■ 24.1350, 29.9848,
46.6357

■ 68.7350, 63.3924,
50.7334

■ 22.1362, 28.0594,
46.3694

■ 69.5384, 64.9992,
51.0012

■ 20.5283, 26.3614,
46.1264

■ 70.3608, 66.6439,
51.2753

■ 19.2753, 24.8719,
45.9050

■ 71.2023, 68.3270,
51.5558

■ 18.3341, 23.5685,
45.7030

■ 72.0631, 70.0486,
51.8427

Harmonies

Analogous

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



40.8802, 43.5429, 47.6640



40.9916, 43.5429, 48.3636



41.2089, 43.5429, 48.8109

Triad

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



40.9916, 43.5429, 48.3636



41.8723, 43.5429, 47.9213



41.2980, 43.5429, 45.9705

Complementary

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



40.9916, 43.5429, 48.3636



41.0390, 42.7537, 45.6251

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.



41.5641, 43.5429, 46.0377



40.9916, 43.5429, 48.3636



41.8964, 43.5429, 47.1585

Square

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



40.9916, 43.5429, 48.3636



41.7176, 43.5429, 48.5537



41.7834, 43.5429, 46.4706



41.0566, 43.5429, 46.2861

Rectangle

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



40.9916, 43.5429, 48.3636



41.3849, 43.5429, 48.9031



41.7834, 43.5429, 46.4706



41.3875, 43.5429, 45.9492

Sweetspot

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



40.9928, 43.5448, 48.3646



75.8596, 80.0885, 87.8416



40.7865, 43.7784, 46.3028



16.8169, 17.7511, 19.4622



86.6293, 91.1408, 99.2523



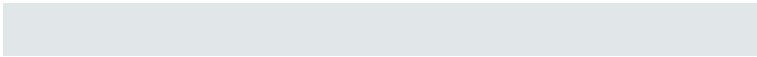
17.0014, 17.8868, 19.4787

Same Dimension

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



40.9928, 43.5448, 48.3646



74.1329, 78.8136, 87.6865



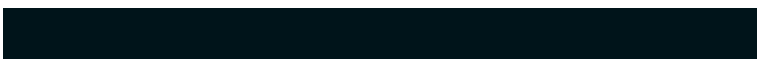
40.5191, 42.5972, 48.2066



9.1561, 9.7569, 10.9070



12.7702, 16.3407, 32.6180



0.4385, 0.5875, 1.0385

Inverse Universe

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



41.2404, 42.5272, 47.6322



74.6202, 76.8129, 86.2447



41.5107, 43.6971, 45.7823



9.2300, 9.4544, 10.6882



16.6805, 8.1897, 19.2750



0.5433, 0.2651, 0.7039

Previews

White Background



This preview shows how the XYZ color 40.9916, 43.5429, 48.3636 looks on a white background.

Color Contrast Check

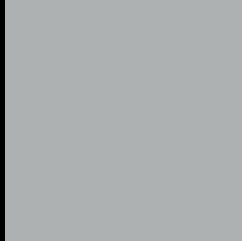
Large Text (above 18pt) WCAG AA × Fail

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 40.9916, 43.5429, 48.3636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

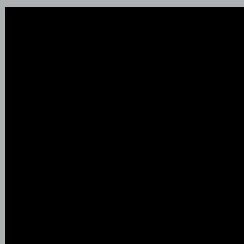
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

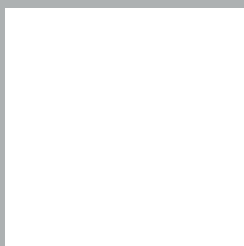
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.9916, 43.5429, 48.3636

Background



This preview shows how black text looks on a background with the XYZ color 40.9916, 43.5429, 48.3636.

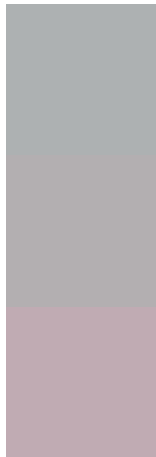


This preview shows how white text looks on a background with the XYZ color 40.9916, 43.5429,

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

40.9916, 43.5429, 48.3636

Protanopia

41.8562, 43.4180, 47.7694

Deuteranopia

44.4378, 43.5870, 48.7188



Tritanopia

42.1945, 43.4480, 54.3065

Trichromacy



Original Color

40.9916, 43.5429, 48.3636

Protanomaly

41.5926, 43.5721, 47.8131

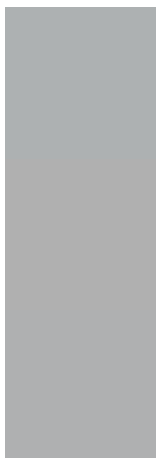
Deuteranomaly

43.0878, 43.4561, 48.7647

Tritanomaly

41.7378, 43.5521, 52.1055

Monochromacy



Original Color

40.9916, 43.5429, 48.3636

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.1403, 43.3390, 47.7919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9916, 43.5429, 48.3636 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, 177, 178)` looks like.

```
.text, #text, p{  
    color:rgb(173, 177, 178)  
}
```

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, 177, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 177, 178) }
```

Border

The CSS property to change the border of an element to XYZ 40.9916, 43.5429, 48.3636 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, 177, 178) }
```


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

```
.border{ border-color:rgb(173, 177, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 177, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 177, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 177, 178);  
box-shadow:4px 4px 4px 4px rgb(173, 177,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9916, 43.5429, 48.3636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 177, 178) }
```

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

```
.background{ background-color: rgb(173,  
177, 178) }
```

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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