

Converting Colors

XYZ(41.4803, 43.6590, 48.9507)

Have a look what the booklet for
XYZ(41.4803, 43.6590, 48.9507)
contains.

XYZ(41.5380, 43.8129, 48.9153)	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(41.5380, 43.8129,
48.9153)**

Conversions

Conversions Part 1

Format	Color
Hex	AFB1B3
RGB	175, 177, 179
RGB Percent	69%, 69%, 70%
CMY	0.3137, 0.3059, 0.2980
CMYK	0.02, 0.01, 0.00, 0.30
HSL	210°, 3%, 69%
HSV	210°, 2%, 70%
XYZ	41.5380, 43.8129, 48.9153
YIQ	176.6300, -1.8340, 0.1980

Conversions

Conversions Part 2

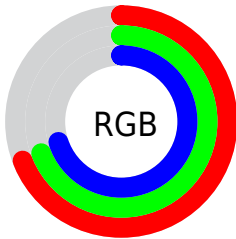
Format	Color
RYB	175, 176, 179
Decimal	11514291
CIELab	72.10, -0.32, -1.27
CIELCh	72, 1.313, 255.945
Yxy	43.8129, 0.3094, 0.3263
Android (android.graphics.Color)	4289704371 (0xFFAFB1B3)
YUV	176.6300, 1.1684, -1.4295
Hunter-Lab	66.1913, -3.8181, 2.5187

Details

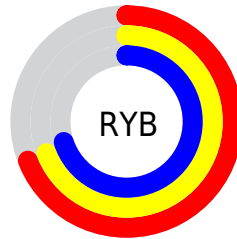
The XYZ color **41.5380, 43.8129, 48.9153** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.0505, 44.1226, 46.8583**, and the grayscale version is **41.5917, 43.7578, 47.6522**.

A 20% lighter version of the original color is **76.7674, 81.0990, 90.2049**, and **19.1419, 20.1326, 22.6158** is the 20% darker color. If you saturate the color by 10%, you get **36.0763, 38.4632, 48.1712**, and if you desaturate by 10%, it is **47.6504, 49.6721, 49.7247**.

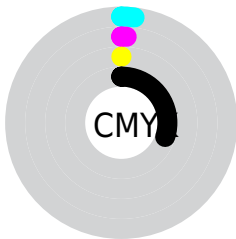
Distribution



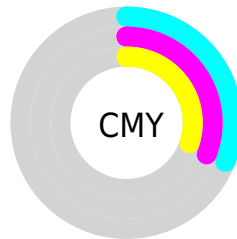
- Red (69%)
- Green (69%)
- Blue (70%)



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



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (30%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5380, 43.8129, 48.9153 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 41.5380, 43.8129, 48.9153 by changing the saturation by 10% instead.

■ 41.5380, 43.8129,
48.9153

■ 41.5380, 43.8129,
48.9153

343.5885,
361.9442, 399.0217

■ 28.9292, 30.5234,
34.1872

■ 76.7695, 80.9361,
89.9453

■ 19.1713, 20.2362,
22.7589

100.1229,
105.5387, 117.0843

■ 11.8989, 12.5669,
14.2120

127.7886,
134.6811, 149.1973

■ 6.7466, 7.1310,
8.1278

160.1319,
168.7477, 186.7029

■ 3.3490, 3.5442,
4.0879

197.5182,
208.1229, 230.0196

■ 1.3409, 1.4220,
1.6737

240.3128,

■ 0.2135, 0.2328,

253.1912, 279.5659

0.3426

288.8811,
304.3368, 335.7604

■ 0.0000, 0.0000,
0.0000

■ 41.5380, 43.8129,
48.9153

■ 41.5380, 43.8129,
48.9153

■ 36.0763, 38.4632,
48.1712

■ 47.6504, 49.6721,
49.7247

■ 31.2385, 33.6023,
47.4880

■ 54.4316, 56.0497,
50.5983

■ 27.0016, 29.2162,
46.8647

■ 61.9035, 62.9611,
51.5386

■ 23.3393, 25.2879,
46.2994

■ 70.0859, 70.4198,
52.5470

■ 20.2236, 21.7993,
45.7903

■ 75.4152, 76.5914,
53.4573

■ 17.6237, 18.7308,
45.3351

■ 77.8476, 81.4564,
54.2682

■ 15.5054, 16.0611,
44.9314

■ 80.4078, 86.5766,
55.1215

■ 13.8301, 13.7662,
44.5767

■ 83.0974, 91.9558,
56.0181

■ 12.5518, 11.8182,
44.2681

■ 85.1368, 96.0347,
56.6979

Harmonies

Analogous

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



41.3431, 43.8129, 48.5997



41.5380, 43.8129, 48.9153



41.7617, 43.8129, 48.9046

Triad

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



41.5380, 43.8129, 48.9153



42.0597, 43.8129, 47.3657



41.3331, 43.8129, 46.8495

Complementary

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



41.5380, 43.8129, 48.9153



42.0505, 44.1226, 46.8583

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.



41.5243, 43.8129, 46.5248



41.5380, 43.8129, 48.9153



41.9440, 43.8129, 46.8210

Square

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



41.5380, 43.8129, 48.9153



42.0634, 43.8129, 48.0060



41.7479, 43.8129, 46.5144



41.2251, 43.8129, 47.4049

Rectangle

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



41.5380, 43.8129, 48.9153



41.8970, 43.8129, 48.7137



41.7479, 43.8129, 46.5144



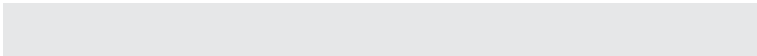
41.3897, 43.8129, 46.7100

Sweetspot

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



41.5392, 43.8148, 48.9163



75.6645, 79.6984, 87.7766



41.7291, 44.5265, 47.9559



16.7760, 17.6693, 19.4486



86.6293, 91.1408, 99.2523



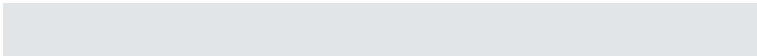
17.0014, 17.8868, 19.4787

Same Dimension

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



41.5392, 43.8148, 48.9163



73.5532, 77.6542, 87.4933



41.1595, 43.0552, 48.7897



9.0682, 9.5811, 10.8777



8.3768, 7.5539, 31.1535



0.3219, 0.3543, 0.9997

Inverse Universe

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



41.8571, 43.4188, 47.7717



74.3276, 76.6959, 84.7039



42.4357, 44.8931, 46.9867



9.1856, 9.4366, 10.4546



14.4629, 7.3027, 7.5973



0.4845, 0.2416, 0.3941

Previews

White Background



This preview shows how the XYZ color 41.5380, 43.8129, 48.9153 looks on a white background.

Color Contrast Check

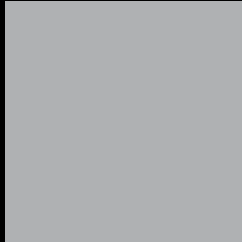
Large Text (above 18pt) WCAG AA × Fail

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 41.5380, 43.8129, 48.9153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

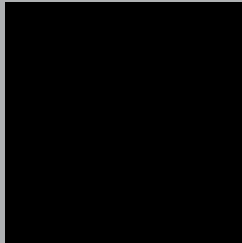
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5380, 43.8129, 48.9153

Background



This preview shows how black text looks on a background with the XYZ color 41.5380, 43.8129, 48.9153.

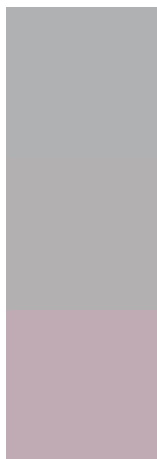


This preview shows how white text looks on a background with the XYZ color 41.5380, 43.8129,

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

41.5380, 43.8129, 48.9153

Protanopia

42.1516, 43.8487, 48.3615

Deuteranopia

44.5394, 43.6276, 49.2535



Tritanopia

42.6467, 43.6812, 54.3277

Trichromacy



Original Color

41.5380, 43.8129, 48.9153

Protanomaly

41.9213, 43.7300, 48.3507

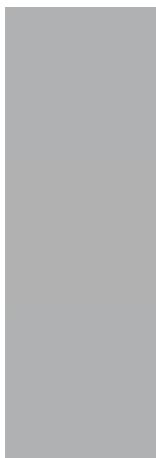
Deuteranomaly

43.4315, 43.6215, 49.3107

Tritanomaly

42.1868, 43.7836, 52.1265

Monochromacy



Original Color

41.5380, 43.8129, 48.9153

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.6625, 43.8887, 48.3950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5380, 43.8129, 48.9153 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(175, 177, 179)` looks like.

```
.text, #text, p{  
    color:rgb(175, 177, 179)  
}
```

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(175, 177, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 177, 179) }
```

Border

The CSS property to change the border of an element to XYZ 41.5380, 43.8129, 48.9153 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(175, 177, 179) }
```


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

```
.border{ border-color:rgb(175, 177, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 177, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 177, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 177, 179);  
box-shadow:4px 4px 4px 4px rgb(175, 177,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5380, 43.8129, 48.9153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 177, 179) }
```

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

```
.background{ background-color: rgb(175,  
177, 179) }
```

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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