

Converting Colors

XYZ(41.5528, 44.3229, 50.2503)

Have a look what the booklet for
XYZ(41.5528, 44.3229, 50.2503)
contains.

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Color

**XYZ(41.4738, 44.3471,
50.0900)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB3B5
RGB	172, 179, 181
RGB Percent	67%, 70%, 71%
CMY	0.3255, 0.2980, 0.2902
CMYK	0.05, 0.01, 0.00, 0.29
HSL	193°, 6%, 69%
HSV	193°, 5%, 71%
XYZ	41.4738, 44.3471, 50.0900
YIQ	177.1350, -4.8140, -0.8620

Conversions

Conversions Part 2

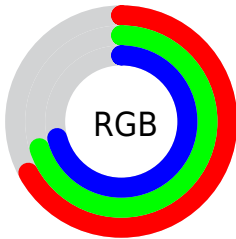
Format	Color
R _Y B	172, 176, 181
Decimal	11318197
CIE Lab	72.46, -2.05, -1.88
CIE LCh	72, 2.780, 222.434
Yxy	44.3471, 0.3052, 0.3263
Android (android.graphics.Color)	4289508277 (0xFFACB3B5)
YUV	177.1350, 1.9054, -4.5034
Hunter-Lab	66.5936, -5.3709, 2.0191

Details

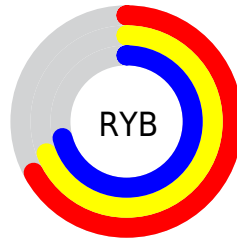
The XYZ color **41.4738, 44.3471, 50.0900** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.6385, 43.0737, 45.1497**, and the grayscale version is **41.8540, 44.0337, 47.9527**.

A 20% lighter version of the original color is **76.6729, 81.8620, 91.8806**, and **19.1029, 20.4733, 23.3670** is the 20% darker color. If you saturate the color by 10%, you get **36.9759, 40.8521, 49.6531**, and if you desaturate by 10%, it is **46.5387, 48.1717, 50.5619**.

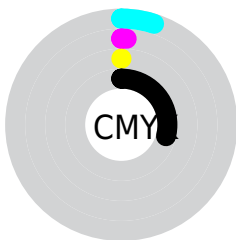
Distribution



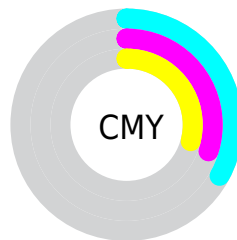
- Red (67%)
- Green (70%)
- Blue (71%)



- Red (67%)
- Yellow (69%)
- Blue (71%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (29%)



- Cyan (33%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4738, 44.3471, 50.0900 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 41.4738, 44.3471, 50.0900 by changing the saturation by 10% instead.

■ 41.4738, 44.3471,
50.0900

■ 41.4738, 44.3471,
50.0900

343.3258,
364.1228, 403.7629

■ 28.8788, 30.9435,
35.1132

■ 76.6728, 81.7398,
91.7059

■ 19.1330, 20.5558,
23.4659

100.0075,
106.4976, 119.1821

■ 11.8710, 12.7997,
14.7293

127.6528,
135.8090, 151.6618

■ 6.7275, 7.2908,
8.4852

159.9740,
170.0584, 189.5637

■ 3.3370, 3.6446,
4.3147

197.3366,
209.6300, 233.3062

■ 1.3344, 1.4768,
1.7995

240.1059,

■ 0.2087, 0.2723,

254.9084, 283.3079

0.4277

288.6472,
306.2778, 339.9873

■ 0.0000, 0.0000,
0.0000

■ 41.4738, 44.3471,
50.0900

■ 41.4738, 44.3471,
50.0900

■ 36.9759, 40.8521,
49.6531

■ 46.5387, 48.1717,
50.5619

■ 33.0194, 37.6694,
49.2474

■ 52.1876, 52.3312,
51.0671

■ 29.5821, 34.7886,
48.8725

■ 58.4413, 56.8379,
51.6074

■ 26.6389, 32.1965,
48.5273

■ 65.3185, 61.7016,
52.1837

■ 24.1624, 29.8785,
48.2104

■ 70.0232, 65.4813,
52.6653

■ 22.1226, 27.8190,
47.9204

■ 70.9599, 67.3548,
52.9775

■ 20.4857, 26.0002,
47.6556

■ 71.9212, 69.2774,
53.2980

■ 19.2128, 24.4017,
47.4141

■ 72.9072, 71.2495,
53.6266

■ 18.2564, 22.9988,
47.1937

■ 73.9182, 73.2715,
53.9636

Harmonies

Analogous

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



41.2567, 44.3471, 48.8572



41.4738, 44.3471, 50.0900



41.8730, 44.3471, 50.8477

Triad

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



41.4738, 44.3471, 50.0900



43.0357, 44.3471, 49.0877



41.9524, 44.3471, 45.7536

Complementary

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



41.4738, 44.3471, 50.0900



41.6385, 43.0737, 45.1497

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.



42.4294, 44.3471, 45.8127



41.4738, 44.3471, 50.0900



43.0573, 44.3471, 47.7202

Square

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



41.4738, 44.3471, 50.0900



42.7757, 44.3471, 50.2615



42.8347, 44.3471, 46.5267



41.5316, 44.3471, 46.3638

Rectangle

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



41.4738, 44.3471, 50.0900



42.1897, 44.3471, 50.9728



42.8347, 44.3471, 46.5267



42.1115, 44.3471, 45.6962

Sweetspot

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



41.4751, 44.3490, 50.0910



77.7443, 82.0643, 90.0370



41.1728, 44.8731, 46.5107



16.8138, 17.7450, 19.4612



86.6293, 91.1408, 99.2523



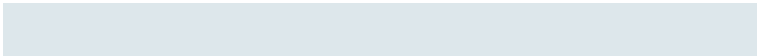
17.0014, 17.8868, 19.4787

Same Dimension

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



41.4751, 44.3490, 50.0910



73.3213, 78.6919, 89.6192



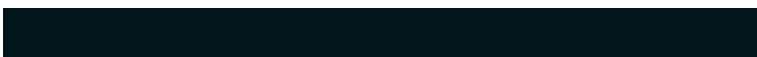
40.5968, 42.5925, 49.7982



8.8598, 9.5217, 10.8772



12.3532, 15.5067, 32.4790



0.4283, 0.5671, 1.0351

Inverse Universe

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



41.9462, 42.5842, 48.6589



74.3513, 74.8526, 86.4843



42.5131, 44.8231, 45.4412



8.9931, 9.0255, 10.4711



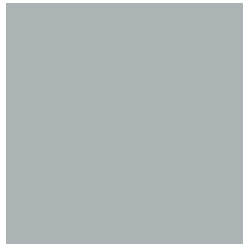
16.4700, 8.1055, 18.1666



0.5382, 0.2630, 0.6769

Previews

White Background



This preview shows how the XYZ color 41.4738, 44.3471, 50.0900 looks on a white background.

Color Contrast Check

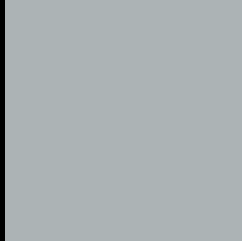
Large Text (above 18pt) WCAG AA × Fail

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 41.4738, 44.3471, 50.0900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

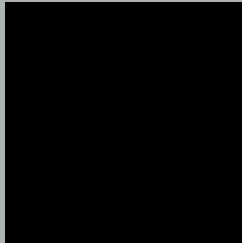
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4738, 44.3471, 50.0900

Background



This preview shows how black text looks on a background with the XYZ color 41.4738, 44.3471, 50.0900.



This preview shows how white text looks on a background with the XYZ color 41.4738, 44.3471,

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

41.4738, 44.3471, 50.0900

Protanopia

42.7828, 44.4429, 49.5035

Deuteranopia

45.1883, 44.2199, 50.4096



Tritanopia

42.5817, 44.2045, 55.5782

Trichromacy



Original Color

41.4738, 44.3471, 50.0900

Protanomaly

42.2901, 44.4832, 49.5372

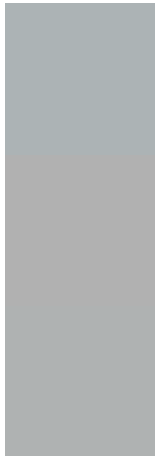
Deuteranomaly

43.7811, 44.3516, 50.5092

Tritanomaly

42.1236, 44.3129, 53.3468

Monochromacy



Original Color

41.4738, 44.3471, 50.0900

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.6355, 44.1691, 48.4505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4738, 44.3471, 50.0900 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(172, 179, 181)` looks like.

```
.text, #text, p{  
    color:rgb(172, 179, 181)  
}
```

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(172, 179, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 179, 181) }
```

Border

The CSS property to change the border of an element to XYZ 41.4738, 44.3471, 50.0900 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(172, 179, 181) }
```


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

```
.border{ border-color:rgb(172, 179, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 179, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 179, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 179, 181);  
box-shadow:4px 4px 4px 4px rgb(172, 179,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4738, 44.3471, 50.0900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 179, 181) }
```

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

```
.background{ background-color: rgb(172,  
179, 181) }
```

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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