

Converting Colors

XYZ(40.4571, 43.6590, 50.1200)

Have a look what the booklet for
XYZ(40.4571, 43.6590, 50.1200)
contains.

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Color

**XYZ(40.4093, 43.5018,
49.9830)**

Conversions

Conversions Part 1

Format	Color
Hex	A8B2B5
RGB	168, 178, 181
RGB Percent	66%, 70%, 71%
CMY	0.3412, 0.3019, 0.2902
CMYK	0.07, 0.02, 0.00, 0.29
HSL	194°, 8%, 68%
HSV	194°, 7%, 71%
XYZ	40.4093, 43.5018, 49.9830
YIQ	175.3520, -6.9230, -1.1870

Conversions

Conversions Part 2

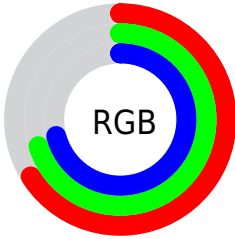
Format	Color
R_{YB}	168, 174, 181
Decimal	11055797
CIE _{Lab}	71.89, -2.89, -2.74
CIE _{LCh}	72, 3.980, 223.520
Yxy	43.5018, 0.3018, 0.3249
Android (android.graphics.Color)	4289245877 (0xFFA8B2B5)
YUV	175.3520, 2.7845, -6.4477
Hunter-Lab	65.9559, -6.0609, 1.2377

Details

The XYZ color **40.4093, 43.5018, 49.9830** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.6870, 41.7764, 42.9656**, and the grayscale version is **40.9195, 43.0505, 46.8820**.

A 20% lighter version of the original color is **75.1403, 80.6480, 91.7271**, and **18.4324, 19.9387, 23.2991** is the 20% darker color. If you saturate the color by 10%, you get **36.0035, 40.0178, 49.5434**, and if you desaturate by 10%, it is **45.3792, 47.3166, 50.4581**.

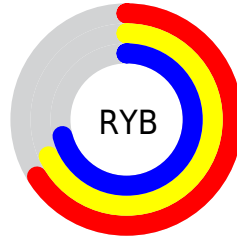
Distribution



Red (66%)

Green (70%)

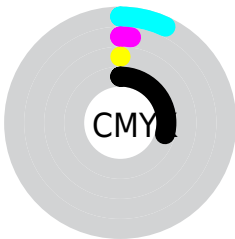
Blue (71%)



Red (66%)

Yellow (68%)

Blue (71%)

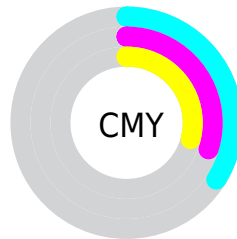


Cyan (7%)

Magenta (2%)

Yellow (0%)

Black (29%)



Cyan (34%)

Magenta (30%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4093, 43.5018, 49.9830 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 40.4093, 43.5018, 49.9830 by changing the saturation by 10% instead.

■ 40.4093, 43.5018,
49.9830

■ 40.4093, 43.5018,
49.9830

338.9506,
360.6714, 403.3326

■ 28.0434, 30.2790,
35.0288

■ 75.0668, 80.4675,
91.5457

■ 18.4990, 20.0505,
23.4013

■ 98.0891, 104.9793,
118.9914

■ 11.4107, 12.4317,
14.6820

125.3943,
134.0229, 151.4379

■ 6.4131, 7.0384,
8.4524

157.3477,
167.9826, 189.3038

■ 3.1409, 3.4861,
4.2939

194.3147,
207.2430, 233.0077

■ 1.2287, 1.3905,
1.7879

236.6606,

■ 0.1289, 0.2097,

252.1883, 282.9681

0.4200

284.7508,
303.2029, 339.6036

■ 0.0000, 0.0000,
0.0000

■ 40.4093, 43.5018,
49.9830

■ 40.4093, 43.5018,
49.9830

■ 36.0035, 40.0178,
49.5434

■ 45.3792, 47.3166,
50.4581

■ 32.1359, 36.8471,
49.1352

■ 50.9305, 51.4677,
50.9667

■ 28.7840, 33.9791,
48.7583

■ 57.0843, 55.9676,
51.5109

■ 25.9220, 31.4003,
48.4114

■ 63.8595, 60.8262,
52.0917

■ 23.5222, 29.0958,
48.0931

■ 69.9740, 65.3831,
52.6489

■ 21.5537, 27.0496,
47.8019

■ 70.9466, 67.3282,
52.9731

■ 19.9818, 25.2432,
47.5361

■ 71.9457, 69.3265,
53.3062

■ 18.7659, 23.6555,
47.2937

■ 72.9716, 71.3782,
53.6481

■ 17.8479, 22.2561,
47.0719

■ 74.0244, 73.4838,
53.9991

Harmonies

Analogous

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



40.0929, 43.5018, 48.2440



40.4093, 43.5018, 49.9830



40.9785, 43.5018, 51.0361

Triad

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



40.4093, 43.5018, 49.9830



42.6095, 43.5018, 48.4328



41.0432, 43.5018, 43.8290

Complementary

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



40.4093, 43.5018, 49.9830



40.6870, 41.7764, 42.9656

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.



41.7180, 43.5018, 43.8764



40.4093, 43.5018, 49.9830



42.6273, 43.5018, 46.4988

Square

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



40.4093, 43.5018, 49.9830



42.2511, 43.5018, 50.1245



42.2994, 43.5018, 44.8421



40.4562, 43.5018, 44.7108

Rectangle

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



40.4093, 43.5018, 49.9830



41.4272, 43.5018, 51.1900



42.2994, 43.5018, 44.8421



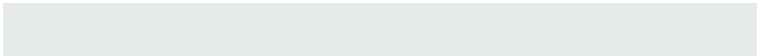
41.2672, 43.5018, 43.7375

Sweetspot

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



40.4106, 43.5036, 49.9840



76.8271, 81.3545, 89.9484



40.0062, 44.3066, 44.8806



16.6260, 17.5997, 19.4430



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.



40.4106, 43.5036, 49.9840



70.7417, 76.6386, 89.3588



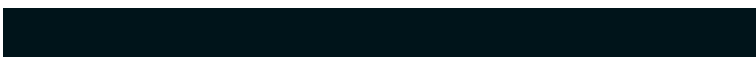
39.1819, 41.0463, 49.5744



8.5733, 9.2927, 10.8481



12.1959, 15.1921, 32.4266



0.4244, 0.5594, 1.0338

Inverse Universe

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



41.0955, 41.0442, 47.8780



72.2910, 71.1256, 84.5843



41.9094, 44.2212, 43.3731



8.7645, 8.6125, 10.2585



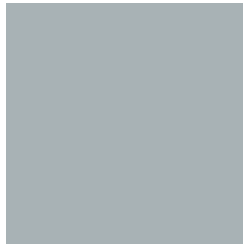
16.3906, 8.0738, 17.7485



0.5363, 0.2623, 0.6666

Previews

White Background



This preview shows how the XYZ color 40.4093, 43.5018, 49.9830 looks on a white background.

Color Contrast Check

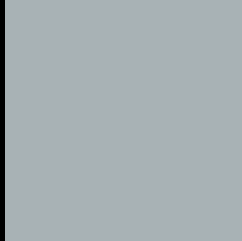
Large Text (above 18pt) WCAG AA × Fail

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 40.4093, 43.5018, 49.9830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

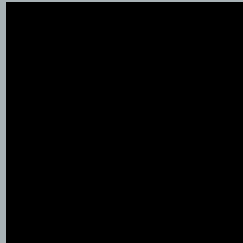
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4093, 43.5018, 49.9830

Background



This preview shows how black text looks on a background with the XYZ color 40.4093, 43.5018, 49.9830.



This preview shows how white text looks on a background with the XYZ color 40.4093, 43.5018,

49.9830.

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

40.4093, 43.5018, 49.9830

Protanopia

41.8268, 43.3796, 48.8164

Deuteranopia

44.2416, 43.4504, 50.3109



Tritanopia

41.7037, 43.7519, 55.5372

Trichromacy



Original Color

40.4093, 43.5018, 49.9830

Protanomaly

41.2191, 43.3446, 49.3739

Deuteranomaly

42.8710, 43.5946, 50.4110

Tritanomaly

41.0540, 43.4672, 53.2399

Monochromacy



Original Color

40.4093, 43.5018, 49.9830

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.4744, 42.9956, 47.7607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4093, 43.5018, 49.9830 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(168, 178, 181)` looks like.

```
.text, #text, p{  
    color:rgb(168, 178, 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(168, 178, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 178, 181) }
```

Border

The CSS property to change the border of an element to XYZ 40.4093, 43.5018, 49.9830 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(168, 178, 181) }
```


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

```
.border{ border-color:rgb(168, 178, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 178, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 178, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 178, 181);  
box-shadow:4px 4px 4px 4px rgb(168, 178,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4093, 43.5018, 49.9830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 178, 181) }
```

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

```
.background{ background-color: rgb(168,  
178, 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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