

Converting Colors

XYZ(40.2176, 43.2606, 49.4224)

Have a look what the booklet for
XYZ(40.2176, 43.2606, 49.4224)
contains.

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Color

**XYZ(40.1088, 43.0644,
49.3783)**

Conversions

Conversions Part 1

Format	Color
Hex	A8B1B4
RGB	168, 177, 180
RGB Percent	66%, 69%, 71%
CMY	0.3412, 0.3059, 0.2941
CMYK	0.07, 0.02, 0.00, 0.29
HSL	195°, 7%, 68%
HSV	195°, 7%, 71%
XYZ	40.1088, 43.0644, 49.3783
YIQ	174.6510, -6.3270, -0.9750

Conversions

Conversions Part 2

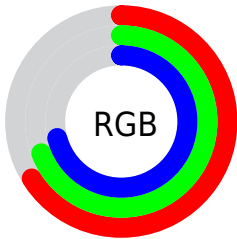
Format	Color
RYB	168, 173, 180
Decimal	11055540
CIELab	71.60, -2.55, -2.63
CIELCh	72, 3.658, 225.878
Yxy	43.0644, 0.3026, 0.3249
Android (android.graphics.Color)	4289245620 (0xFFA8B1B4)
YUV	174.6510, 2.6371, -5.8329
Hunter-Lab	65.6235, -5.7426, 1.3237

Details

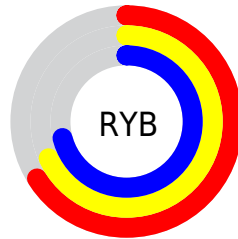
The XYZ color **40.1088, 43.0644, 49.3783** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.4533, 41.6559, 42.9547**, and the grayscale version is **40.5574, 42.6695, 46.4671**.

A 20% lighter version of the original color is **74.7107, 80.0219, 90.8650**, and **18.2409, 19.6606, 22.9122** is the 20% darker color. If you saturate the color by 10%, you get **35.6657, 39.4784, 48.9210**, and if you desaturate by 10%, it is **45.1141, 46.9860, 49.8721**.

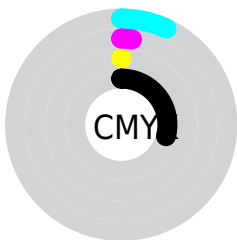
Distribution



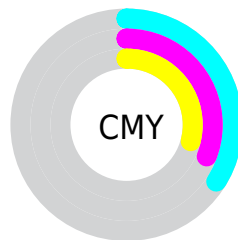
- Red (66%)
- Green (69%)
- Blue (71%)



- Red (66%)
- Yellow (68%)
- Blue (71%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (29%)



- Cyan (34%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.1088, 43.0644, 49.3783 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 40.1088, 43.0644, 49.3783 by changing the saturation by 10% instead.

■ 40.1088, 43.0644,
49.3783

■ 40.1088, 43.0644,
49.3783

337.7085,
358.8765, 400.8949

■ 27.8080, 29.9356,
34.5519

■ 74.6124, 79.8080,
90.6399

■ 18.3207, 19.7897,
23.0372

■ 97.5460, 104.1917,
117.9121

■ 11.2815, 12.2423,
14.4154

124.7545,
133.0958, 150.1701

■ 6.3252, 6.9089,
8.2681

156.6032,
166.9047, 187.8324

■ 3.0864, 3.4052,
4.1767

193.4577,
206.0029, 231.3175

■ 1.1996, 1.3468,
1.7228

235.6831,

■ 0.1060, 0.1770,

250.7746, 281.0439

0.3763

283.6449,
301.6044, 337.4302

■ 0.0000, 0.0000,
0.0000

■ 40.1088, 43.0644,
49.3783

■ 40.1088, 43.0644,
49.3783

■ 35.6657, 39.4784,
48.9210

■ 45.1141, 46.9860,
49.8721

■ 31.7592, 36.2109,
48.4962

■ 50.6986, 51.2489,
50.4006

■ 28.3671, 33.2511,
48.1037

■ 56.8831, 55.8653,
50.9657

■ 25.4641, 30.5857,
47.7422

■ 63.6864, 60.8454,
51.5684

■ 23.0228, 28.2001,
47.4104

■ 70.0130, 65.6248,
52.1574

■ 21.0129, 26.0782,
47.1068

■ 71.0661, 67.7309,
52.5084

■ 19.4004, 24.2019,
46.8296

■ 72.1501, 69.8988,
52.8698

■ 18.1455, 22.5505,
46.5770

■ 73.2651, 72.1288,
53.2414

■ 17.1942, 21.0955,
46.3463

■ 74.4115, 74.4216,
53.6236

Harmonies

Analogous

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



39.7978, 43.0644, 47.8281



40.1088, 43.0644, 49.3783



40.6419, 43.0644, 50.2720

Triad

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



40.1088, 43.0644, 49.3783



42.0960, 43.0644, 47.7260



40.6068, 43.0644, 43.6886

Complementary

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



40.1088, 43.0644, 49.3783



40.4533, 41.6559, 42.9547

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.



41.2224, 43.0644, 43.6628



40.1088, 43.0644, 49.3783



42.0863, 43.0644, 45.9639

Square

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



40.1088, 43.0644, 49.3783



41.7913, 43.0644, 49.3019



41.7652, 43.0644, 44.4864



40.0834, 43.0644, 44.5577

Rectangle

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



40.1088, 43.0644, 49.3783



41.0534, 43.0644, 50.3612



41.7652, 43.0644, 44.4864



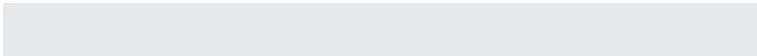
40.8097, 43.0644, 43.5818

Sweetspot

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



40.1100, 43.0662, 49.3792



76.8015, 81.3034, 89.9399



39.8020, 43.9007, 44.8048



16.6208, 17.5892, 19.4413



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.



40.1100, 43.0662, 49.3792



71.4794, 77.0933, 89.4077



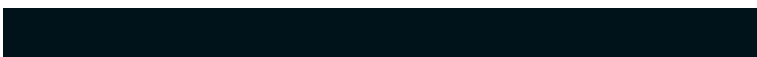
38.9881, 40.8223, 49.0053



8.5594, 9.2649, 10.8435



11.8562, 14.5127, 32.3133



0.4160, 0.5426, 1.0310

Inverse Universe

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



40.7618, 40.8837, 47.3401



72.9125, 72.3281, 84.9163



41.5736, 43.8965, 43.3282



8.7575, 8.6097, 10.2216



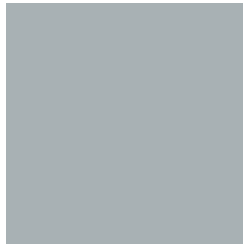
16.2191, 8.0052, 16.8456



0.5320, 0.2606, 0.6442

Previews

White Background



This preview shows how the XYZ color 40.1088, 43.0644, 49.3783 looks on a white background.

Color Contrast Check

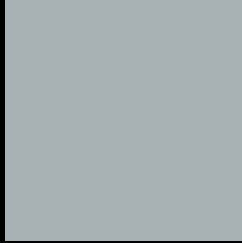
Large Text (above 18pt) WCAG AA × Fail

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 40.1088, 43.0644, 49.3783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

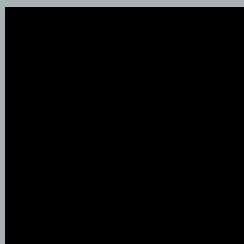
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

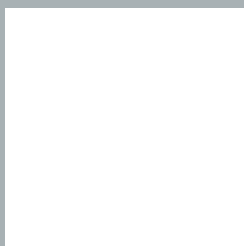
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.1088, 43.0644, 49.3783

Background



This preview shows how black text looks on a background with the XYZ color 40.1088, 43.0644, 49.3783.



This preview shows how white text looks on a background with the XYZ color 40.1088, 43.0644,

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

40.1088, 43.0644, 49.3783

Protanopia

41.3034, 42.8336, 48.2103

Deuteranopia

43.7015, 42.9045, 49.6941



Tritanopia

41.2882, 43.2708, 54.3201

Trichromacy



Original Color

40.1088, 43.0644, 49.3783

Protanomaly

40.9222, 42.9133, 48.7741

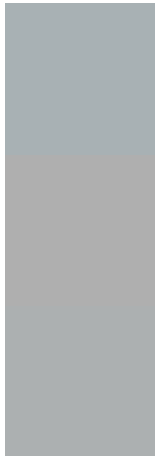
Deuteranomaly

42.3401, 43.0471, 49.7934

Tritanomaly

40.7504, 43.0309, 52.6124

Monochromacy



Original Color

40.1088, 43.0644, 49.3783

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 40.1088, 43.0644, 49.3783 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, 177, 180) looks like.

```
.text, #text, p{  
    color:rgb(168, 177, 180)  
}
```

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, 177, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 177, 180) }
```

Border

The CSS property to change the border of an element to XYZ 40.1088, 43.0644, 49.3783 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, 177, 180) }
```


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

```
.border{ border-color:rgb(168, 177, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 177, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 177, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 177, 180);  
box-shadow:4px 4px 4px 4px rgb(168, 177,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1088, 43.0644, 49.3783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 177, 180) }
```

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

```
.background{ background-color: rgb(168,  
177, 180) }
```

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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