

Converting Colors

XYZ(38.2866, 40.9295, 46.4271)

Have a look what the booklet for
XYZ(38.2866, 40.9295, 46.4271)
contains.

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Color

**XYZ(38.4073, 41.0893,
46.4642)**

Conversions

Conversions Part 1

Format	Color
Hex	A6ADAF
RGB	166, 173, 175
RGB Percent	65%, 68%, 69%
CMY	0.3490, 0.3216, 0.3137
CMYK	0.05, 0.01, 0.00, 0.31
HSL	193°, 5%, 67%
HSV	193°, 5%, 69%
XYZ	38.4073, 41.0893, 46.4642
YIQ	171.1350, -4.8140, -0.8620

Conversions

Conversions Part 2

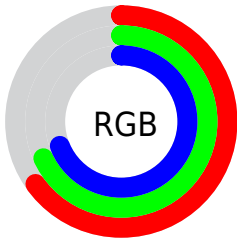
Format	Color
R _Y B	166, 170, 175
Decimal	10923439
CIE Lab	70.24, -2.06, -1.89
CIE LCh	70, 2.796, 222.437
Yxy	41.0893, 0.3049, 0.3262
Android (android.graphics.Color)	4289113519 (0xFFA6ADAF)
YUV	171.1350, 1.9054, -4.5034
Hunter-Lab	64.1009, -5.2250, 1.8937

Details

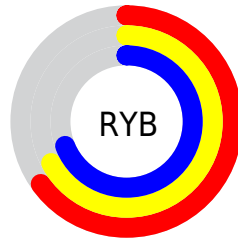
The XYZ color **38.4073, 41.0893, 46.4642** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.5648, 39.8719, 41.7404**, and the grayscale version is **38.7699, 40.7890, 44.4192**.

A 20% lighter version of the original color is **71.8451, 76.5721, 85.8562**, and **17.3520, 18.6822, 21.4304** is the 20% darker color. If you saturate the color by 10%, you get **34.2520, 37.8589, 46.0603**, and if you desaturate by 10%, it is **43.0858, 44.6239, 46.9005**.

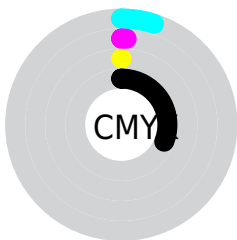
Distribution



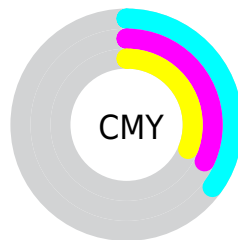
- Red (65%)
- Green (68%)
- Blue (69%)



- Red (65%)
- Yellow (67%)
- Blue (69%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (31%)



- Cyan (35%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.4073, 41.0893, 46.4642 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 38.4073, 41.0893, 46.4642 by changing the saturation by 10% instead.

■ 38.4073, 41.0893,
46.4642

■ 38.4073, 41.0893,
46.4642

330.6147,
350.6937, 389.0034

■ 26.4776, 28.3889,
32.2610

■ 72.0319, 76.8194,
86.2549

■ 17.3158, 18.6190,
21.2944

■ 94.4575, 100.6179,
112.6794

■ 10.5566, 11.3953,
13.1461

121.1124,
128.8846, 144.0148

■ 5.8346, 6.3334,
7.3973

152.3620,
162.0037, 180.6796

■ 2.7845, 3.0488,
3.6296

188.5717,
200.3598, 223.0923

■ 1.0408, 1.1573,
1.4244

230.1068,

■ 0.0000, 0.0264,

244.3373, 271.6715

0.1607

277.3327,
294.3204, 326.8357

■ 0.0000, 0.0000,
0.0000

■ 38.4073, 41.0893,
46.4642

■ 38.4073, 41.0893,
46.4642

■ 34.2520, 37.8589,
46.0603

■ 43.0858, 44.6239,
46.9005

■ 30.5963, 34.9167,
45.6851

■ 48.3030, 48.4674,
47.3674

■ 27.4196, 32.2531,
45.3384

■ 54.0783, 52.6313,
47.8667

■ 24.6988, 29.8558,
45.0191

■ 60.4287, 57.1246,
48.3993

■ 22.4088, 27.7116,
44.7259

■ 67.3709, 61.9562,
48.9660

■ 20.5218, 25.8060,
44.4575

■ 68.7864, 63.9720,
49.2805

■ 19.0068, 24.1225,
44.2124

■ 69.6755, 65.7502,
49.5768

■ 17.8279, 22.6425,
43.9889

■ 70.5874, 67.5741,
49.8808

■ 16.9408, 21.3429,
43.7848

■ 71.5224, 69.4440,
50.1925

Harmonies

Analogous

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



38.1998, 41.0893, 45.2851



38.4073, 41.0893, 46.4642



38.7888, 41.0893, 47.1891

Triad

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



38.4073, 41.0893, 46.4642



39.9005, 41.0893, 45.5052



38.8646, 41.0893, 42.3194

Complementary

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



38.4073, 41.0893, 46.4642



38.5648, 39.8719, 41.7404

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.



39.3207, 41.0893, 42.3757



38.4073, 41.0893, 46.4642



39.9212, 41.0893, 44.1978

Square

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



38.4073, 41.0893, 46.4642



39.6519, 41.0893, 46.6281



39.7082, 41.0893, 43.0576



38.4624, 41.0893, 42.9022

Rectangle

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



38.4073, 41.0893, 46.4642



39.0916, 41.0893, 47.3088



39.7082, 41.0893, 43.0576



39.0167, 41.0893, 42.2645

Sweetspot

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



38.4085, 41.0910, 46.4651



71.2893, 75.4995, 83.4524



38.1197, 41.5929, 43.0410



15.8648, 16.7957, 18.5501



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



38.4085, 41.0910, 46.4651



68.0319, 73.0121, 83.1440



37.5687, 39.4115, 46.1852



8.3463, 8.9691, 10.2440



11.9103, 14.9545, 31.3033



0.3682, 0.4897, 0.8831

Inverse Universe

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



38.8591, 39.4042, 45.0950



68.9857, 69.4569, 80.2407



39.4011, 41.5444, 42.0192



8.4714, 8.5035, 9.8630



15.8754, 7.8127, 17.5212



0.4602, 0.2248, 0.5853

Previews

White Background



This preview shows how the XYZ color 38.4073, 41.0893, 46.4642 looks on a white background.

Color Contrast Check

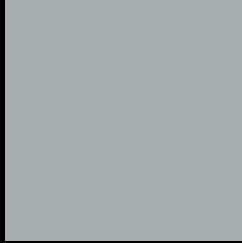
Large Text (above 18pt) WCAG AA × Fail

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 38.4073, 41.0893, 46.4642 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

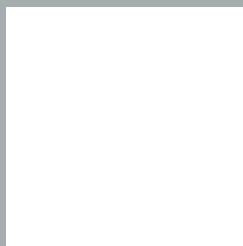
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.4073, 41.0893, 46.4642

Background



This preview shows how black text looks on a background with the XYZ color 38.4073, 41.0893, 46.4642.



This preview shows how white text looks on a background with the XYZ color 38.4073, 41.0893,

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

38.4073, 41.0893, 46.4642

Protanopia

39.6585, 41.1805, 45.9028

Deuteranopia

41.7224, 40.8461, 46.7594



Tritanopia

39.4683, 40.9534, 51.7235

Trichromacy



Original Color

38.4073, 41.0893, 46.4642

Protanomaly

39.1871, 41.2190, 45.9351

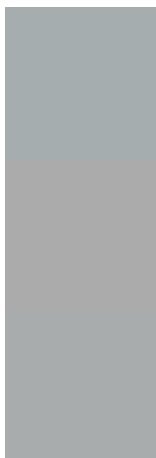
Deuteranomaly

40.6148, 41.0942, 46.8656

Tritanomaly

39.0294, 41.0567, 49.5837

Monochromacy



Original Color

38.4073, 41.0893, 46.4642

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.5611, 40.9186, 44.8954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4073, 41.0893, 46.4642 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(166, 173, 175)` looks like.

```
.text, #text, p{  
    color:rgb(166, 173, 175)  
}
```

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(166, 173, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 173, 175) }
```

Border

The CSS property to change the border of an element to XYZ 38.4073, 41.0893, 46.4642 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(166, 173, 175) }
```


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

```
.border{ border-color:rgb(166, 173, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 173, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 173, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 173, 175);  
box-shadow:4px 4px 4px 4px rgb(166, 173,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4073, 41.0893, 46.4642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 173, 175) }
```

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

```
.background{ background-color: rgb(166,  
173, 175) }
```

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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