

Converting Colors

XYZ(38.1762, 40.7927, 49.3604)

Have a look what the booklet for
XYZ(38.1762, 40.7927, 49.3604)
contains.

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Color

**XYZ(38.3883, 41.0099,
49.6085)**

Conversions

Conversions Part 1

Format	Color
Hex	A3ADB5
RGB	163, 173, 181
RGB Percent	64%, 68%, 71%
CMY	0.3608, 0.3216, 0.2902
CMYK	0.10, 0.04, 0.00, 0.29
HSL	207°, 11%, 67%
HSV	207°, 10%, 71%
XYZ	38.3883, 41.0099, 49.6085
YIQ	170.9220, -8.5280, 0.3680

Conversions

Conversions Part 2

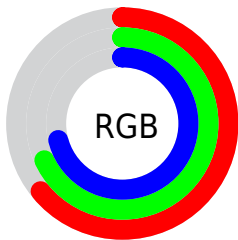
Format	Color
RYB	163, 169, 181
Decimal	10726837
CIELab	70.18, -1.89, -5.31
CIELCh	70, 5.630, 250.439
Yxy	41.0099, 0.2976, 0.3179
Android (android.graphics.Color)	4288916917 (0xFFA3ADB5)
YUV	170.9220, 4.9685, -6.9476
Hunter-Lab	64.0390, -5.0660, -1.1024

Details

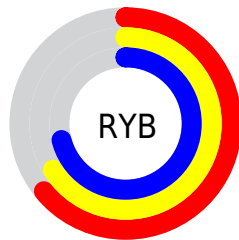
The XYZ color **38.3883, 41.0099, 49.6085** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.2299, 41.5935, 40.5590**, and the grayscale version is **38.6494, 40.6622, 44.2811**.

A 20% lighter version of the original color is **71.9429, 76.5067, 91.0962**, and **17.2892, 18.6128, 23.1035** is the 20% darker color. If you saturate the color by 10%, you get **33.4486, 36.2437, 48.9495**, and if you desaturate by 10%, it is **43.9536, 46.2386, 50.3251**.

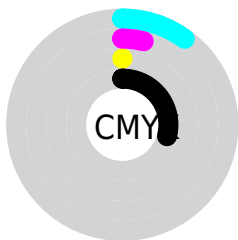
Distribution



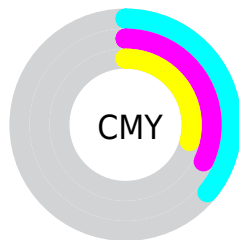
- Red (64%)
- Green (68%)
- Blue (71%)



- Red (64%)
- Yellow (66%)
- Blue (71%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (29%)



- Cyan (36%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3883, 41.0099, 49.6085 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 38.3883, 41.0099, 49.6085 by changing the saturation by 10% instead.

■ 38.3883, 41.0099,
49.6085

■ 38.3883, 41.0099,
49.6085

330.5349,
350.3620, 401.8241

■ 26.4628, 28.3268,
34.7334

■ 72.0030, 76.6989,
90.9849

■ 17.3047, 18.5722,
23.1757

■ 94.4229, 100.4737,
118.3232

■ 10.5486, 11.3615,
14.5168

121.0715,
128.7144, 150.6531

■ 5.8292, 6.3106,
8.3381

152.3144,
161.8055, 188.3930

■ 2.7812, 3.0348,
4.2212

188.5168,
200.1315, 231.9616

■ 1.0391, 1.1499,
1.7475

230.0442,

■ 0.0000, 0.0202,

244.0766, 281.7772

0.3930

277.2617,
294.0253, 338.2585

■ 0.0000, 0.0000,
0.0000

■ 38.3883, 41.0099,
49.6085

■ 38.3883, 41.0099,
49.6085

■ 33.4486, 36.2437,
48.9495

■ 43.9536, 46.2386,
50.3251

■ 29.1070, 31.9202,
48.3438

■ 50.1637, 51.9388,
51.0980

■ 25.3389, 28.0252,
47.7906

■ 57.0412, 58.1254,
51.9296

■ 22.1167, 24.5420,
47.2881

■ 64.6066, 64.8112,
52.8214

■ 19.4102, 21.4525,
46.8344

■ 72.8793, 72.0086,
53.7746

■ 17.1861, 18.7367,
46.4275

■ 75.5042, 76.4434,
54.4923

■ 15.4065, 16.3724,
46.0649

■ 77.6818, 80.7986,
55.2181

■ 14.0274, 14.3340,
45.7441

■ 79.9626, 85.3601,
55.9784

■ 12.9596, 12.5724,
45.4604

■ 82.3478, 90.1306,
56.7735

Harmonies

Analogous

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



37.6453, 41.0099, 48.0268



38.3883, 41.0099, 49.6085



39.3007, 41.0099, 49.8329

Triad

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



38.3883, 41.0099, 49.6085



40.7478, 41.0099, 43.7394



37.8403, 41.0099, 40.9000

Complementary

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



38.3883, 41.0099, 49.6085



40.2299, 41.5935, 40.5590

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.



38.6584, 41.0099, 39.8447



38.3883, 41.0099, 49.6085



40.3432, 41.0099, 41.4407

Square

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



38.3883, 41.0099, 49.6085



40.6727, 41.0099, 46.3739



39.5751, 41.0099, 40.0387



37.3324, 41.0099, 42.9749

Rectangle

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



38.3883, 41.0099, 49.6085



39.8835, 41.0099, 49.1735



39.5751, 41.0099, 40.0387



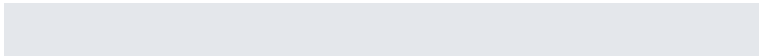
38.0876, 41.0099, 40.4180

Sweetspot

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



38.3895, 41.0116, 49.6094



75.5023, 79.8145, 89.7210



38.9604, 43.7676, 44.8234



16.1436, 17.0868, 19.3695



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.



38.3895, 41.0116, 49.6094



66.6616, 71.4528, 88.5729



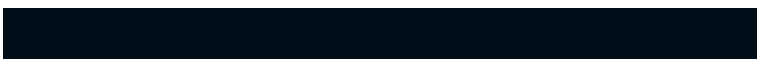
36.7567, 37.7459, 49.0651



8.4204, 8.9871, 10.7972



9.0002, 8.8007, 31.3613



0.3403, 0.3911, 1.0058

Inverse Universe

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



39.6970, 39.0360, 44.9797



69.5055, 67.2317, 78.4859



41.9485, 45.0306, 41.1318



8.6874, 8.5817, 9.8523



14.7775, 7.4286, 9.2543



0.4938, 0.2453, 0.4429

Previews

White Background



This preview shows how the XYZ color 38.3883, 41.0099, 49.6085 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 38.3883, 41.0099, 49.6085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

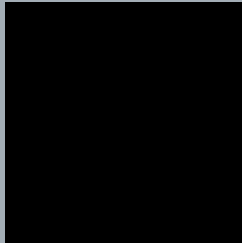
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.3883, 41.0099, 49.6085

Background



This preview shows how black text looks on a background with the XYZ color 38.3883, 41.0099, 49.6085.



This preview shows how white text looks on a background with the XYZ color 38.3883, 41.0099,

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

38.3883, 41.0099, 49.6085

Protanopia

39.5247, 40.7748, 48.4350

Deuteranopia

41.6082, 40.7171, 49.9222



Tritanopia

38.9253, 40.9427, 52.3055

Trichromacy



Original Color

38.3883, 41.0099, 49.6085

Protanomaly

39.1633, 40.8561, 49.0019

Deuteranomaly

40.5360, 40.9834, 50.0301

Tritanomaly

38.7141, 40.8583, 51.1934

Monochromacy



Original Color

38.3883, 41.0099, 49.6085

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.6388, 40.9250, 46.4203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3883, 41.0099, 49.6085 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(163, 173, 181)` looks like.

```
.text, #text, p{  
    color:rgb(163, 173, 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(163, 173, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 173, 181) }
```

Border

The CSS property to change the border of an element to XYZ 38.3883, 41.0099, 49.6085 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(163, 173, 181) }
```


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

```
.border{ border-color:rgb(163, 173, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 173, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 173, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 173, 181);  
box-shadow:4px 4px 4px 4px rgb(163, 173,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3883, 41.0099, 49.6085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 173, 181) }
```

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

```
.background{ background-color: rgb(163,  
173, 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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