

Converting Colors

XYZ(38.2017, 40.6278, 49.5364)

Have a look what the booklet for
XYZ(38.2017, 40.6278, 49.5364)
contains.

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Color

**XYZ(38.1973, 40.6278,
49.5448)**

Conversions

Conversions Part 1

Format	Color
Hex	A3ACB5
RGB	163, 172, 181
RGB Percent	64%, 67%, 71%
CMY	0.3608, 0.3255, 0.2902
CMYK	0.10, 0.05, 0.00, 0.29
HSL	210°, 11%, 67%
HSV	210°, 10%, 71%
XYZ	38.1973, 40.6278, 49.5448
YIQ	170.3350, -8.2530, 0.8910

Conversions

Conversions Part 2

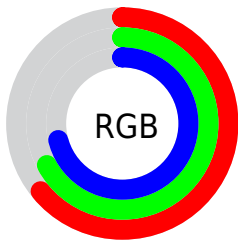
Format	Color
R _Y B	163, 169, 181
Decimal	10726581
CIE Lab	69.91, -1.34, -5.70
CIE LCh	70, 5.858, 256.760
Yxy	40.6278, 0.2976, 0.3165
Android (android.graphics.Color)	4288916661 (0xFFA3ACB5)
YUV	170.3350, 5.2578, -6.4328
Hunter-Lab	63.7399, -4.5756, -1.4679

Details

The XYZ color **38.1973, 40.6278, 49.5448** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.4196, 41.9729, 40.6223**, and the grayscale version is **38.3541, 40.3515, 43.9428**.

A 20% lighter version of the original color is **71.6686, 75.9580, 91.0048**, and **17.1683, 18.3710, 23.0632** is the 20% darker color. If you saturate the color by 10%, you get **33.0898, 35.5260, 48.8299**, and if you desaturate by 10%, it is **43.9549, 46.2410, 50.3254**.

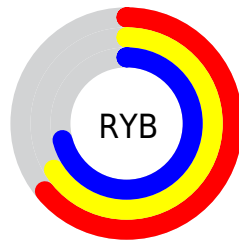
Distribution



Red (64%)

Green (67%)

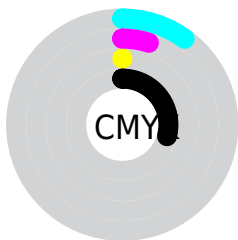
Blue (71%)



Red (64%)

Yellow (66%)

Blue (71%)

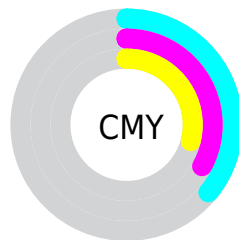


Cyan (10%)

Magenta (5%)

Yellow (0%)

Black (29%)



Cyan (36%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.1973, 40.6278, 49.5448 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 38.1973, 40.6278, 49.5448 by changing the saturation by 10% instead.

■ 38.1973, 40.6278,
49.5448

■ 38.1973, 40.6278,
49.5448

329.7318,
348.7626, 401.5671

■ 26.3138, 28.0284,
34.6832

■ 71.7124, 76.1186,
90.8894

■ 17.1924, 18.3470,
23.1373

■ 94.0747, 99.7787,
118.2095

■ 10.4679, 11.1994,
14.4887

120.6606,
127.8945, 150.5195

■ 5.7749, 6.2011,
8.3187

151.8354,
160.8504, 188.2380

■ 2.7481, 2.9678,
4.2089

187.9646,
199.0307, 231.7834

■ 1.0220, 1.1149,
1.7406

229.4135,

■ 0.0000, 0.0000,

242.8200, 281.5744

0.3883

276.5475,
292.6025, 338.0294

■ 0.0000, 0.0000,
0.0000

■ 38.1973, 40.6278,
49.5448

■ 38.1973, 40.6278,
49.5448

■ 33.0898, 35.5260,
48.8299

■ 43.9549, 46.2410,
50.3254

■ 28.6040, 30.9142,
48.1761

■ 50.3823, 52.3758,
51.1708

■ 24.7148, 26.7770,
47.5826

■ 57.5029, 59.0486,
52.0835

■ 21.3938, 23.0961,
47.0471

■ 65.3377, 66.2733,
53.0651

■ 18.6099, 19.8518,
46.5676

■ 73.9069, 74.0636,
54.1171

■ 16.3289, 17.0224,
46.1417

■ 76.8556, 79.1462,
54.9427

■ 14.5124, 14.5841,
45.7668

■ 79.3854, 84.2057,
55.7860

■ 13.1150, 12.5092,
45.4400

■ 82.0469, 89.5289,
56.6732

■ 12.0469, 10.7469,
45.1561

■ 84.8422, 95.1195,
57.6049

Harmonies

Analogous

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



37.3736, 40.6278, 48.1713



38.1973, 40.6278, 49.5448



39.1464, 40.6278, 49.4549

Triad

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



38.1973, 40.6278, 49.5448



40.3969, 40.6278, 42.7406



37.2958, 40.6278, 40.7379

Complementary

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



38.1973, 40.6278, 49.5448



40.4196, 41.9729, 40.6223

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.



38.0895, 40.6278, 39.3993



38.1973, 40.6278, 49.5448



39.8846, 40.6278, 40.5225

Square

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



38.1973, 40.6278, 49.5448



40.4270, 40.6278, 45.4497



39.0368, 40.6278, 39.3221



36.8590, 40.6278, 43.0456

Rectangle

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



38.1973, 40.6278, 49.5448



39.7226, 40.6278, 48.5761



39.0368, 40.6278, 39.3221



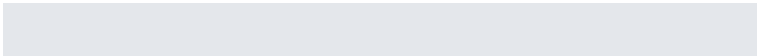
37.5291, 40.6278, 40.1639

Sweetspot

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



38.1985, 40.6295, 49.5457



75.3926, 79.5952, 89.6844



39.0465, 43.8020, 45.2762



16.1138, 17.0273, 19.3596



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.



38.1985, 40.6295, 49.5457



66.2478, 70.6251, 88.4350



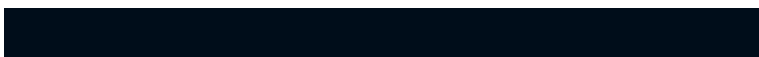
36.5960, 37.4246, 49.0115



8.3814, 8.9089, 10.7842



8.3703, 7.5410, 31.1514



0.3217, 0.3540, 0.9996

Inverse Universe

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



39.6006, 38.9976, 44.4718



69.2967, 67.1481, 77.3859



42.1305, 45.3947, 41.1926



8.6677, 8.5738, 9.7485



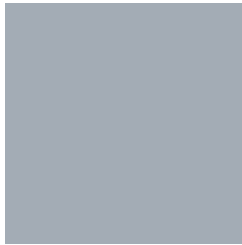
14.4596, 7.3014, 7.5802



0.4844, 0.2415, 0.3936

Previews

White Background



This preview shows how the XYZ color 38.1973, 40.6278, 49.5448 looks on a white background.

Color Contrast Check

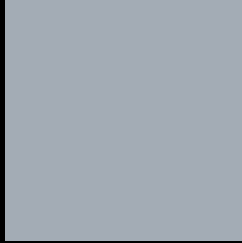
Large Text (above 18pt) WCAG AA × Fail

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 38.1973, 40.6278, 49.5448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

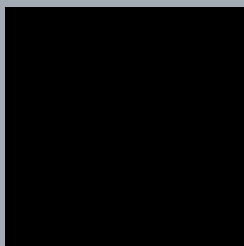
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

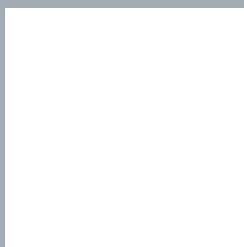
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.1973, 40.6278, 49.5448

Background



This preview shows how black text looks on a background with the XYZ color 38.1973, 40.6278, 49.5448.



This preview shows how white text looks on a background with the XYZ color 38.1973, 40.6278,

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

38.1973, 40.6278, 49.5448

Protanopia

39.4075, 40.7027, 48.9594

Deuteranopia

41.3711, 40.5949, 49.9111



Tritanopia

38.6297, 40.5211, 51.6843

Trichromacy



Original Color

38.1973, 40.6278, 49.5448

Protanomaly

38.9496, 40.7459, 48.9919

Deuteranomaly

40.1253, 40.4966, 49.9578

Tritanomaly

38.5245, 40.4790, 51.1302

Monochromacy



Original Color

38.1973, 40.6278, 49.5448

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.1392, 40.3973, 45.8317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1973, 40.6278, 49.5448 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, 172, 181) looks like.

```
.text, #text, p{  
    color:rgb(163, 172, 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, 172, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 172, 181) }
```

Border

The CSS property to change the border of an element to XYZ 38.1973, 40.6278, 49.5448 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, 172, 181) }
```


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

```
.border{ border-color:rgb(163, 172, 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, 172, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 172, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 172, 181);  
box-shadow:4px 4px 4px 4px rgb(163, 172,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1973, 40.6278, 49.5448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 172, 181) }
```

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

```
.background{ background-color: rgb(163,  
172, 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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