

Converting Colors

XYZ(38.8248, 40.9755, 48.5070)

Have a look what the booklet for
XYZ(38.8248, 40.9755, 48.5070)
contains.

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Color

**XYZ(38.8256, 40.9752,
48.5105)**

Conversions

Conversions Part 1

Format	Color
Hex	A7ACB3
RGB	167, 172, 179
RGB Percent	65%, 67%, 70%
CMY	0.3451, 0.3255, 0.2980
CMYK	0.07, 0.04, 0.00, 0.30
HSL	215°, 7%, 68%
HSV	215°, 7%, 70%
XYZ	38.8256, 40.9752, 48.5105
YIQ	171.3030, -5.2270, 1.1170

Conversions

Conversions Part 2

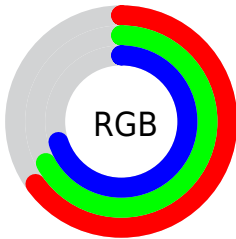
Format	Color
RYB	167, 171, 179
Decimal	10988723
CIELab	70.16, -0.38, -4.20
CIELCh	70, 4.221, 264.805
Yxy	40.9752, 0.3026, 0.3193
Android (android.graphics.Color)	4289178803 (0xFFA7ACB3)
YUV	171.3030, 3.7946, -3.7737
Hunter-Lab	64.0119, -3.7538, -0.1238

Details

The XYZ color **38.8256, 40.9752, 48.5105** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.7017, 42.6456, 42.6463**, and the grayscale version is **38.8454, 40.8684, 44.5056**.

A 20% lighter version of the original color is **72.5887, 76.4659, 89.5308**, and **17.5526, 18.5841, 22.4006** is the 20% darker color. If you saturate the color by 10%, you get **33.3937, 35.3418, 47.7101**, and if you desaturate by 10%, it is **44.9393, 47.1941, 49.3893**.

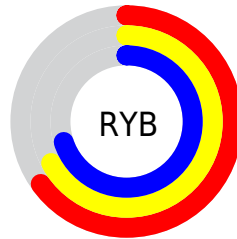
Distribution



Red (65%)

Green (67%)

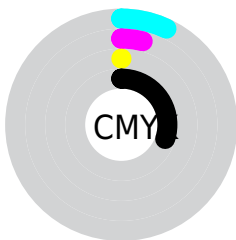
Blue (70%)



Red (65%)

Yellow (67%)

Blue (70%)

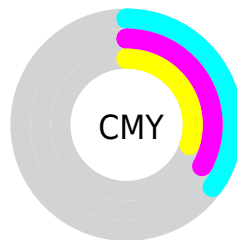


Cyan (7%)

Magenta (4%)

Yellow (0%)

Black (30%)



Cyan (35%)

Magenta (33%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.8256, 40.9752, 48.5105 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 38.8256, 40.9752, 48.5105 by changing the saturation by 10% instead.

■ 38.8256, 40.9752,
48.5105

■ 38.8256, 40.9752,
48.5105

332.3684,
350.2170, 397.3790

■ 26.8042, 28.2997,
33.8685

■ 72.6676, 76.6462,
89.3374

■ 17.5620, 18.5517,
22.5160

■ 95.2189, 100.4106,
116.3595

■ 10.7338, 11.3468,
14.0346

122.0109,
128.6400, 148.3452

■ 5.9541, 6.3006,
8.0057

153.4089,
161.7189, 185.7132

■ 2.8576, 3.0287,
4.0108

189.7783,
200.0316, 228.8821

■ 1.0789, 1.1467,
1.6313

231.4844,

■ 0.0074, 0.0176,

243.9626, 278.2703

0.3130

278.8927,
293.8963, 334.2964

■ 0.0000, 0.0000,
0.0000

■ 38.8256, 40.9752,
48.5105

■ 38.8256, 40.9752,
48.5105

■ 33.3937, 35.3418,
47.7101

■ 44.9393, 47.1941,
49.3893

■ 28.6153, 30.2704,
46.9830

■ 51.7550, 54.0104,
50.3457

■ 24.4648, 25.7438,
46.3281

■ 59.2962, 61.4425,
51.3828

■ 20.9140, 21.7414,
45.7427

■ 67.5842, 69.5062,
52.5024

■ 17.9320, 18.2415,
45.2243

■ 76.0848, 77.9307,
53.6805

■ 15.4850, 15.2205,
44.7702

■ 78.9801, 83.7213,
54.6456

■ 13.5353, 12.6524,
44.3772

■ 82.0507, 89.8624,
55.6691

■ 12.0396, 10.5081,
44.0422

■ 85.1368, 96.0347,
56.6978

■ 10.9394, 8.7502,
43.7608

Harmonies

Analogous

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



38.1854, 40.9752, 47.7955



38.8256, 40.9752, 48.5105



39.5055, 40.9752, 48.1569

Triad

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



38.8256, 40.9752, 48.5105



40.1635, 40.9752, 43.0385



37.8706, 40.9752, 42.4589

Complementary

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



38.8256, 40.9752, 48.5105



40.7017, 42.6456, 42.6463

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.



38.3913, 40.9752, 41.2512



38.8256, 40.9752, 48.5105



39.7160, 40.9752, 41.5789

Square

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



38.8256, 40.9752, 48.5105



40.2831, 40.9752, 44.9602



39.0660, 40.9752, 40.9339



37.6382, 40.9752, 44.2716

Rectangle

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



38.8256, 40.9752, 48.5105



39.8890, 40.9752, 47.3680



39.0660, 40.9752, 40.9339



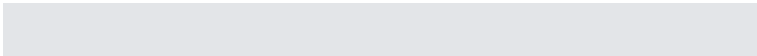
38.0174, 40.9752, 41.9709

Sweetspot

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



38.8268, 40.9769, 48.5114



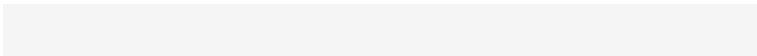
74.4948, 78.4555, 87.5983



39.6777, 43.5046, 46.2490



16.5303, 17.4082, 19.4111



86.6293, 91.1408, 99.2523



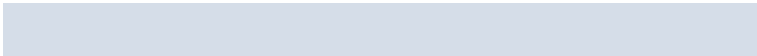
17.0014, 17.8868, 19.4787

Same Dimension

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



38.8268, 40.9769, 48.5114



68.0702, 71.8796, 86.6676



38.0621, 39.1959, 48.2079



8.3233, 8.7929, 10.7648



7.5708, 5.9420, 30.8849



0.2964, 0.3033, 0.9912

Inverse Universe

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



39.8565, 40.2006, 44.6905



70.2927, 70.2300, 78.4146



41.5019, 44.5196, 42.9658



8.6384, 8.5621, 9.5942



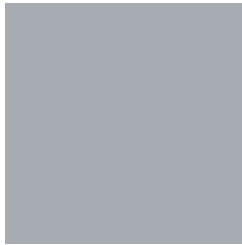
14.0561, 7.1400, 5.4552



0.4716, 0.2364, 0.3263

Previews

White Background



This preview shows how the XYZ color 38.8256, 40.9752, 48.5105 looks on a white background.

Color Contrast Check

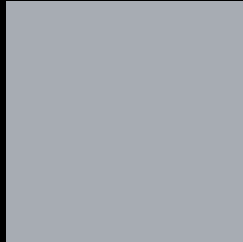
Large Text (above 18pt) WCAG AA × Fail

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 38.8256, 40.9752, 48.5105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

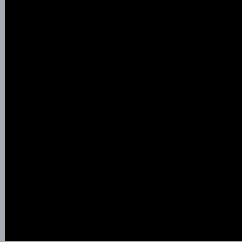
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.8256, 40.9752, 48.5105

Background



This preview shows how black text looks on a background with the XYZ color 38.8256, 40.9752, 48.5105.



This preview shows how white text looks on a background with the XYZ color 38.8256, 40.9752,

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

38.8256, 40.9752, 48.5105

Protanopia

39.4239, 40.7345, 47.9042

Deuteranopia

41.6416, 40.7581, 48.8524



Tritanopia

39.4683, 40.9534, 51.7235

Trichromacy



Original Color

38.8256, 40.9752, 48.5105

Protanomaly

39.1764, 40.8862, 47.9465

Deuteranomaly

40.6009, 40.7655, 48.9086

Tritanomaly

39.2586, 40.8695, 50.6192

Monochromacy



Original Color

38.8256, 40.9752, 48.5105

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.7805, 40.7279, 45.8617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8256, 40.9752, 48.5105 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(167, 172, 179)` looks like.

```
.text, #text, p{  
    color:rgb(167, 172, 179)  
}
```

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(167, 172, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 172, 179) }
```

Border

The CSS property to change the border of an element to XYZ 38.8256, 40.9752, 48.5105 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(167, 172, 179) }
```


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

```
.border{ border-color:rgb(167, 172, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 172, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 172, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 172, 179);  
box-shadow:4px 4px 4px 4px rgb(167, 172,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8256, 40.9752, 48.5105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 172, 179) }
```

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

```
.background{ background-color: rgb(167,  
172, 179) }
```

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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