

Converting Colors

XYZ(38.8576, 40.9352, 46.8005)

Have a look what the booklet for
XYZ(38.8576, 40.9352, 46.8005)
contains.

XYZ(38.9512, 41.0747, 46.9495)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.9512, 41.0747,
46.9495)**

Conversions

Conversions Part 1

Format	Color
Hex	A9ACB0
RGB	169, 172, 176
RGB Percent	66%, 67%, 69%
CMY	0.3372, 0.3255, 0.3098
CMYK	0.04, 0.02, 0.00, 0.31
HSL	214°, 4%, 68%
HSV	214°, 4%, 69%
XYZ	38.9512, 41.0747, 46.9495
YIQ	171.5590, -3.0720, 0.6080

Conversions

Conversions Part 2

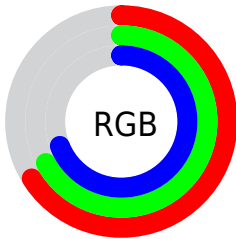
Format	Color
R_{YB}	169, 171, 176
Decimal	11119792
CIE _{Lab}	70.23, -0.28, -2.43
CIE _{LCh}	70, 2.443, 263.352
Yxy	41.0747, 0.3068, 0.3235
Android (android.graphics.Color)	4289309872 (0xFFA9ACB0)
YUV	171.5590, 2.1894, -2.2442
Hunter-Lab	64.0895, -3.6712, 1.4291

Details

The XYZ color **38.9512, 41.0747, 46.9495** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.0095, 41.9813, 43.5312**, and the grayscale version is **38.9814, 41.0114, 44.6615**.

A 20% lighter version of the original color is **72.7750, 76.6117, 87.2958**, and **17.6907, 18.6701, 21.7401** is the 20% darker color. If you saturate the color by 10%, you get **33.5860, 35.5771, 46.1717**, and if you desaturate by 10%, it is **44.9717, 47.1272, 47.8011**.

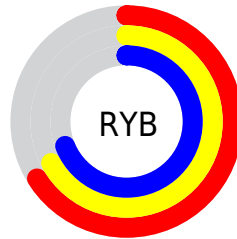
Distribution



Red (66%)

Green (67%)

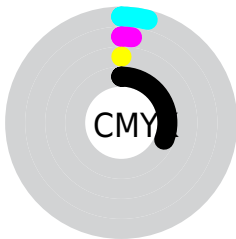
Blue (69%)



Red (66%)

Yellow (67%)

Blue (69%)

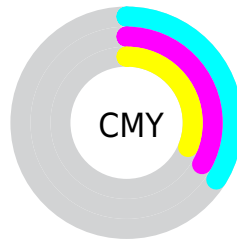


Cyan (4%)

Magenta (2%)

Yellow (0%)

Black (31%)



Cyan (34%)

Magenta (33%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9512, 41.0747, 46.9495 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 38.9512, 41.0747, 46.9495 by changing the saturation by 10% instead.

■ 38.9512, 41.0747,
46.9495

■ 38.9512, 41.0747,
46.9495

332.8937,
350.6327, 391.0008

■ 26.9023, 28.3775,
32.6417

■ 72.8583, 76.7973,
86.9874

■ 17.6361, 18.6104,
21.5832

■ 95.4473, 100.5914,
113.5546

■ 10.7871, 11.3891,
13.3556

122.2803,
128.8533, 145.0453

■ 5.9901, 6.3292,
7.5403

153.7227,
161.9673, 181.8781

■ 2.8797, 3.0463,
3.7187

190.1399,
200.3179, 224.4715

■ 1.0905, 1.1559,
1.4723

231.8972,

■ 0.0171, 0.0253,

244.2894, 273.2441

0.1972

279.3600,
294.2662, 328.6144

■ 0.0000, 0.0000,
0.0000

■ 38.9512, 41.0747,
46.9495

■ 38.9512, 41.0747,
46.9495

■ 33.5860, 35.5771,
46.1717

■ 44.9717, 47.1272,
47.8011

■ 28.8492, 30.6122,
45.4631

■ 51.6661, 53.7453,
48.7256

■ 24.7173, 26.1644,
44.8224

■ 59.0566, 60.9459,
49.7260

■ 21.1636, 22.2147,
44.2473

■ 67.1632, 68.7438,
50.8039

■ 18.1596, 18.7432,
43.7355

■ 75.2650, 76.7714,
51.9263

■ 15.6740, 15.7283,
43.2846

■ 78.0183, 82.2781,
52.8441

■ 13.6720, 13.1462,
42.8917

■ 80.9335, 88.1086,
53.8159

■ 12.1142, 10.9707,
42.5539

■ 84.0132, 94.2679,
54.8424

■ 10.9534, 9.1711,
42.2678

■ 84.8366, 95.9146,
55.1169

Harmonies

Analogous

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



38.5825, 41.0747, 46.5159



38.9512, 41.0747, 46.9495



39.3462, 41.0747, 46.7785

Triad

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



38.9512, 41.0747, 46.9495



39.7514, 41.0747, 43.8550



38.4258, 41.0747, 43.4201

Complementary

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



38.9512, 41.0747, 46.9495



40.0095, 41.9813, 43.5312

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.



38.7359, 41.0747, 42.7294



38.9512, 41.0747, 46.9495



39.5016, 41.0747, 42.9775

Square

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



38.9512, 41.0747, 46.9495



39.8100, 41.0747, 44.9791



39.1295, 41.0747, 42.5687



38.2805, 41.0747, 44.4686

Rectangle

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



38.9512, 41.0747, 46.9495



39.5712, 41.0747, 46.3460



39.1295, 41.0747, 42.5687



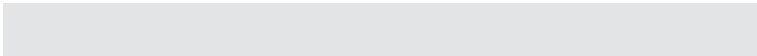
38.5141, 41.0747, 43.1391

Sweetspot

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



38.9524, 41.0764, 46.9504



73.7516, 77.6405, 85.5943



39.4277, 42.5021, 45.6445



15.9960, 16.8389, 18.5515



84.5950, 89.0005, 96.9216



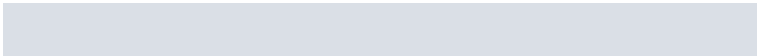
16.2198, 17.0645, 18.5832

Same Dimension

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



38.9524, 41.0764, 46.9504



69.5074, 73.3418, 84.9883



38.4876, 39.9979, 46.7667



8.8036, 9.2918, 10.8358



7.6768, 6.1541, 30.9202



0.2999, 0.3103, 0.9923

Inverse Universe

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



39.5398, 40.5854, 44.7816



70.8630, 72.2211, 79.9803



40.4865, 43.0916, 43.7204



8.9935, 9.1356, 10.1341



14.1096, 7.1614, 5.7369



0.4734, 0.2371, 0.3356

Previews

White Background



This preview shows how the XYZ color 38.9512, 41.0747, 46.9495 looks on a white background.

Color Contrast Check

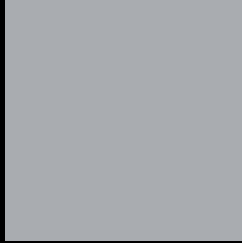
Large Text (above 18pt) WCAG AA × Fail

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 38.9512, 41.0747, 46.9495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

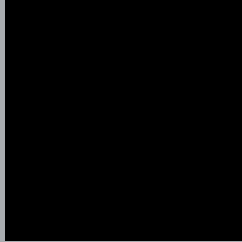
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.9512, 41.0747, 46.9495

Background



This preview shows how black text looks on a background with the XYZ color 38.9512, 41.0747, 46.9495.



This preview shows how white text looks on a background with the XYZ color 38.9512, 41.0747,

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

38.9512, 41.0747, 46.9495

Protanopia

39.7563, 41.2196, 46.4182

Deuteranopia

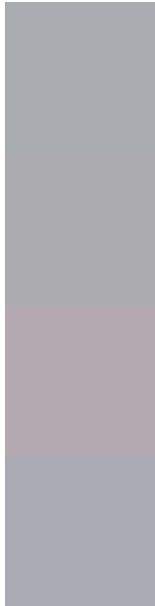
41.8217, 40.8859, 47.2825



Tritanopia

39.7922, 41.1326, 51.1895

Trichromacy



Original Color

38.9512, 41.0747, 46.9495

Protanomaly

39.3140, 40.9916, 46.3975

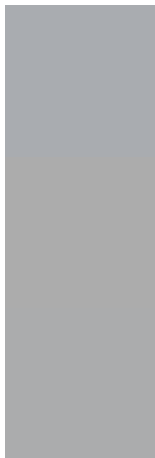
Deuteranomaly

40.7608, 40.8829, 47.3378

Tritanomaly

39.4810, 41.0081, 49.5505

Monochromacy



Original Color

38.9512, 41.0747, 46.9495

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.0899, 41.1801, 45.4235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9512, 41.0747, 46.9495 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(169, 172, 176) looks like.

```
.text, #text, p{  
    color:rgb(169, 172, 176)  
}
```

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(169, 172, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 172, 176) }
```

Border

The CSS property to change the border of an element to XYZ 38.9512, 41.0747, 46.9495 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(169, 172, 176) }
```


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

```
.border{ border-color:rgb(169, 172, 176) }
```

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

Here you see how a box with a 4 pixel rgb(169, 172, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 172, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 172, 176);  
box-shadow:4px 4px 4px 4px rgb(169, 172,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9512, 41.0747, 46.9495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 172, 176) }
```

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

```
.background{ background-color: rgb(169,  
172, 176) }
```

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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