

Converting Colors

XYZ(38.6907, 42.5807, 40.4400)

Have a look what the booklet for
XYZ(38.6907, 42.5807, 40.4400)
contains.

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Color

**XYZ(38.6059, 42.4879,
40.3487)**

Conversions

Conversions Part 1

Format	Color
Hex	A9B1A2
RGB	169, 177, 162
RGB Percent	66%, 69%, 64%
CMY	0.3373, 0.3059, 0.3647
CMYK	0.05, 0.00, 0.08, 0.31
HSL	92°, 9%, 66%
HSV	92°, 8%, 69%
XYZ	38.6059, 42.4879, 40.3487
YIQ	172.8980, 0.0470, -6.3610

Conversions

Conversions Part 2

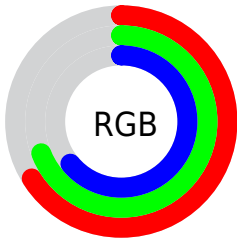
Format	Color
RYB	162, 177, 170
Decimal	11121058
CIELab	71.21, -5.60, 6.70
CIELCh	71, 8.731, 129.878
Yxy	42.4879, 0.3179, 0.3499
Android (android.graphics.Color)	4289311138 (0xFFA9B1A2)
YUV	172.8980, -5.3727, -3.4185
Hunter-Lab	65.1827, -8.3493, 8.9269

Details

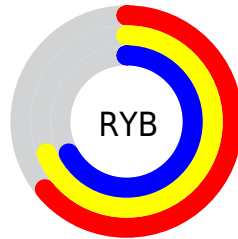
The XYZ color **38.6059, 42.4879, 40.3487** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.4354, 37.5622, 46.8743**, and the grayscale version is **39.6960, 41.7633, 45.4802**.

A 20% lighter version of the original color is **72.4038, 79.1349, 77.1041**, and **17.3582, 19.3230, 17.5667** is the 20% darker color. If you saturate the color by 10%, you get **35.1892, 40.8969, 32.5456**, and if you desaturate by 10%, it is **42.3928, 44.2466, 49.3271**.

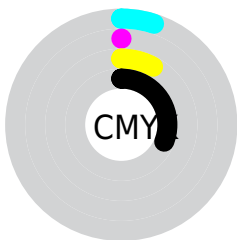
Distribution



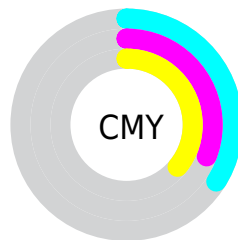
- Red (66%)
- Green (69%)
- Blue (64%)



- Red (64%)
- Yellow (69%)
- Blue (67%)



- Cyan (5%)
- Magenta (0%)
- Yellow (8%)
- Black (31%)



- Cyan (34%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.6059, 42.4879, 40.3487 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 38.6059, 42.4879, 40.3487 by changing the saturation by 10% instead.

■ 38.6059, 42.4879,
40.3487

■ 38.6059, 42.4879,
40.3487

331.4481,
356.5015, 363.1868

■ 26.6326, 29.4835,
27.4947

■ 72.3338, 78.9375,
76.9371

■ 17.4327, 19.4469,
17.7094

■ 94.8192, 103.1515,
101.5085

■ 10.6407, 11.9936,
10.5743

121.5392,
131.8709, 130.8229

■ 5.8913, 6.7393,
5.6708

152.8594,
165.4800, 165.2987

■ 2.8191, 3.2996,
2.5804

189.1450,
204.3632, 205.3544

■ 1.0588, 1.2901,
0.8823

230.7615,

■ 0.0000, 0.1335,

248.9049, 251.4086

0.0000

278.0740,
299.4896, 303.8799

■ 0.0000, 0.0000,
0.0000

■ 38.6059, 42.4879,
40.3487

■ 38.6059, 42.4879,
40.3487

■ 35.1892, 40.8969,
32.5456

■ 42.3928, 44.2466,
49.3271

■ 32.1268, 39.4629,
25.8663

■ 46.5580, 46.1724,
59.5236

■ 29.4071, 38.1821,
20.2598

■ 51.1138, 48.2721,
70.9827

■ 27.0159, 37.0485,
15.6700

■ 56.0708, 50.5502,
83.7453

■ 24.9384, 36.0558,
12.0356

■ 61.4391, 53.0110,
97.8510

■ 23.1582, 35.1970,
9.2888

■ 65.0288, 54.7789,
101.7537

■ 21.6570, 34.4644,
7.3529

■ 68.0660, 56.3446,
101.8959

■ 20.4140, 33.8492,
6.1382

■ 71.2686, 57.9957,
102.0458

■ 19.3957, 33.3376,
5.4900

■ 74.6393, 59.7333,
102.2035

Harmonies

Analogous

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



39.9026, 42.4879, 38.7677



38.6059, 42.4879, 40.3487



37.7983, 42.4879, 43.5445

Triad

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



38.6059, 42.4879, 40.3487



39.4231, 42.4879, 54.2498



43.2198, 42.4879, 44.8932

Complementary

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



38.6059, 42.4879, 40.3487



37.4354, 37.5622, 46.8743

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.



43.0839, 42.4879, 49.0905



38.6059, 42.4879, 40.3487



40.8682, 42.4879, 54.6650

Square

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



38.6059, 42.4879, 40.3487



38.2621, 42.4879, 51.6243



42.2148, 42.4879, 52.7268



42.5818, 42.4879, 41.2847

Rectangle

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



38.6059, 42.4879, 40.3487



37.6342, 42.4879, 46.2450



42.2148, 42.4879, 52.7268



43.2635, 42.4879, 46.2792

Sweetspot

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



38.6071, 42.4897, 40.3496



72.7351, 77.7635, 80.7165



39.0294, 40.7068, 39.9832



15.6460, 16.7984, 17.2153



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.



38.6071, 42.4897, 40.3496



68.0572, 75.5899, 69.7468



37.1898, 41.7540, 40.5158



8.7533, 9.6779, 9.0592



14.0179, 24.1365, 3.9200



0.5086, 0.7943, 0.1265

Inverse Universe

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



37.4354, 37.5622, 46.8743



65.5678, 65.1210, 83.6091



38.9395, 38.3434, 46.6850



8.4603, 8.4458, 10.6906



9.1963, 4.0767, 30.4392



0.3559, 0.1626, 0.9609

Previews

White Background



This preview shows how the XYZ color 38.6059, 42.4879, 40.3487 looks on a white background.

Color Contrast Check

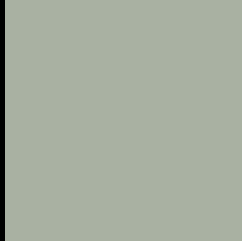
Large Text (above 18pt) WCAG AA × Fail

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 38.6059, 42.4879, 40.3487 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 38.6059, 42.4879, 40.3487

Background



This preview shows how black text looks on a background with the XYZ color 38.6059, 42.4879, 40.3487.



This preview shows how white text looks on a background with the XYZ color 38.6059, 42.4879,

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

38.6059, 42.4879, 40.3487

Protanopia

40.5373, 42.6339, 39.3503

Deuteranopia

43.2091, 42.2877, 41.0069



Tritanopia

41.1468, 42.3592, 53.0212

Trichromacy



Original Color

38.6059, 42.4879, 40.3487

Protanomaly

39.8945, 42.5803, 39.8344

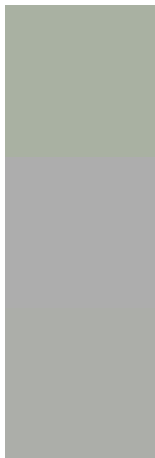
Deuteranomaly

41.4235, 42.2093, 40.6143

Tritanomaly

40.1852, 42.2571, 48.1579

Monochromacy



Original Color

38.6059, 42.4879, 40.3487

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.3107, 41.9073, 43.5531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6059, 42.4879, 40.3487 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, 177, 162)` looks like.

```
.text, #text, p{  
    color:rgb(169, 177, 162)  
}
```

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, 177, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 177, 162) }
```

Border

The CSS property to change the border of an element to XYZ 38.6059, 42.4879, 40.3487 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, 177, 162) }
```


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

```
.border{ border-color:rgb(169, 177, 162) }
```

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

Here you see how a box with a 4 pixel rgb(169, 177, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 177, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 177, 162);  
box-shadow:4px 4px 4px 4px rgb(169, 177,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6059, 42.4879, 40.3487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 177, 162) }
```

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

```
.background{ background-color: rgb(169,  
177, 162) }
```

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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