

Converting Colors

XYZ(39.5055, 42.4317, 38.5585)

Have a look what the booklet for
XYZ(39.5055, 42.4317, 38.5585)
contains.

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Color

**XYZ(39.4060, 42.3587,
38.4469)**

Conversions

Conversions Part 1

Format	Color
Hex	B0AF9E
RGB	176, 175, 158
RGB Percent	69%, 69%, 62%
CMY	0.3098, 0.3137, 0.3804
CMYK	0.00, 0.01, 0.10, 0.31
HSL	57°, 10%, 65%
HSV	57°, 10%, 69%
XYZ	39.4060, 42.3587, 38.4469
YIQ	173.3610, 6.0530, -5.0750

Conversions

Conversions Part 2

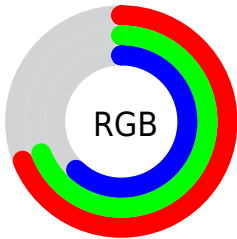
Format	Color
RYB	159, 176, 158
Decimal	11579294
CIELab	71.12, -2.68, 8.84
CIELCh	71, 9.238, 106.840
Yxy	42.3587, 0.3278, 0.3524
Android (android.graphics.Color)	4289769374 (0xFFB0AF9E)
YUV	173.3610, -7.5730, 2.3144
Hunter-Lab	65.0836, -5.8202, 10.5340

Details

The XYZ color **39.4060, 42.3587, 38.4469** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.3350, 35.1992, 46.0591**, and the grayscale version is **39.9410, 42.0211, 45.7610**.

A 20% lighter version of the original color is **73.5858, 78.5535, 74.2348**, and **17.9052, 19.4384, 16.7182** is the 20% darker color. If you saturate the color by 10%, you get **37.8099, 41.4194, 30.9683**, and if you desaturate by 10%, it is **41.2228, 43.3912, 47.0705**.

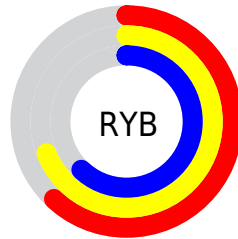
Distribution



Red (69%)

Green (69%)

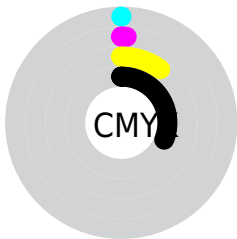
Blue (62%)



Red (62%)

Yellow (69%)

Blue (62%)

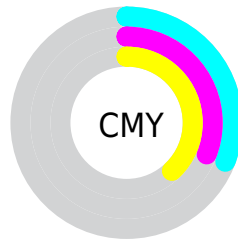


Cyan (0%)

Magenta (1%)

Yellow (10%)

Black (31%)



Cyan (31%)

Magenta (31%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4060, 42.3587, 38.4469 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 39.4060, 42.3587, 38.4469 by changing the saturation by 10% instead.

■ 39.4060, 42.3587,
38.4469

■ 39.4060, 42.3587,
38.4469

334.7911,
355.9677, 354.8887

■ 27.2579, 29.3823,
26.0252

■ 73.5482, 78.7422,
74.0036

■ 17.9046, 19.3702,
16.6166

■ 96.2731, 102.9181,
97.9757

■ 10.9808, 11.9381,
9.8024

123.2541,
131.5959, 126.6350

■ 6.1211, 6.7015,
5.1643

154.8569,
165.1600, 160.4001

■ 2.9602, 3.2761,
2.2835

191.4466,
203.9949, 199.6894

■ 1.1328, 1.2775,
0.7220

233.3886,

■ 0.0523, 0.1237,

248.4849, 244.9216

0.0000

281.0483,
299.0143, 296.5152

■ 0.0000, 0.0000,
0.0000

■ 39.4060, 42.3587,
38.4469

■ 39.4060, 42.3587,
38.4469

■ 37.8099, 41.4194,
30.9683

■ 41.2228, 43.3912,
47.0705

■ 36.4218, 40.5641,
24.5838

■ 43.2655, 44.5149,
56.8819

■ 35.2331, 39.7908,
19.2423

■ 45.5434, 45.7348,
67.9250

■ 34.2331, 39.0951,
14.8880

■ 48.0642, 47.0542,
80.2406

■ 33.4102, 38.4724,
11.4596

■ 50.8353, 48.4758,
93.8676

■ 32.7515, 37.9176,
8.8890

■ 52.4476, 49.4362,
101.3856

■ 32.2422, 37.4247,
7.0990

■ 52.6461, 49.8332,
101.4518

■ 31.8652, 36.9869,
5.9983

■ 52.8460, 50.2330,
101.5184

■ 31.5884, 36.5977,
5.3992

■ 53.0473, 50.6356,
101.5855

Harmonies

Analogous

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



40.9409, 42.3587, 38.3217



39.4060, 42.3587, 38.4469



38.1319, 42.3587, 40.5421

Triad

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



39.4060, 42.3587, 38.4469



38.2622, 42.3587, 52.6113



43.2238, 42.3587, 48.0860

Complementary

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



39.4060, 42.3587, 38.4469



34.3350, 35.1992, 46.0591

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.



42.4672, 42.3587, 52.1905



39.4060, 42.3587, 38.4469



39.5880, 42.3587, 54.9135

Square

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



39.4060, 42.3587, 38.4469



37.4833, 42.3587, 48.6309



41.1276, 42.3587, 54.7548



43.1720, 42.3587, 43.6998

Rectangle

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



39.4060, 42.3587, 38.4469



37.5902, 42.3587, 42.8550



41.1276, 42.3587, 54.7548



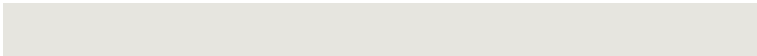
43.0547, 42.3587, 49.5497

Sweetspot

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



39.4072, 42.3606, 38.4478



73.7926, 78.1519, 80.7357



36.4072, 36.1946, 37.9600



15.9340, 16.9040, 17.2206



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.



39.4072, 42.3606, 38.4478



70.8656, 76.4764, 66.8787



37.8884, 41.8665, 38.4325



9.1560, 9.8245, 9.0663



23.1911, 26.8808, 3.9662



0.7418, 0.8700, 0.1288

Inverse Universe

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



34.3350, 35.1992, 46.0591



60.0295, 61.1769, 83.1397



35.7478, 35.6743, 46.0763



8.0785, 8.3031, 10.6832



5.8417, 2.4837, 30.3085



0.1962, 0.1030, 0.9578

Previews

White Background



This preview shows how the XYZ color 39.4060, 42.3587, 38.4469 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 39.4060, 42.3587, 38.4469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

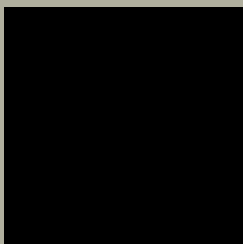
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

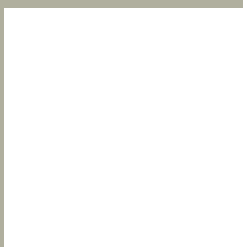
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.4060, 42.3587, 38.4469

Background



This preview shows how black text looks on a background with the XYZ color 39.4060, 42.3587, 38.4469.



This preview shows how white text looks on a background with the XYZ color 39.4060, 42.3587,

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

39.4060, 42.3587, 38.4469

Protanopia

40.0854, 42.1452, 37.9204

Deuteranopia

43.0256, 42.2442, 38.6871



Tritanopia

42.1423, 42.3319, 51.8487

Trichromacy



Original Color

39.4060, 42.3587, 38.4469

Protanomaly

39.8123, 42.2901, 37.9628

Deuteranomaly

41.8072, 42.4478, 38.7907

Tritanomaly

41.0808, 42.1839, 46.5346

Monochromacy



Original Color

39.4060, 42.3587, 38.4469

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.6595, 42.0979, 43.0812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4060, 42.3587, 38.4469 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(176, 175, 158)` looks like.

```
.text, #text, p{  
    color:rgb(176, 175, 158)  
}
```

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(176, 175, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 175, 158) }
```

Border

The CSS property to change the border of an element to XYZ 39.4060, 42.3587, 38.4469 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(176, 175, 158) }
```


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

```
.border{ border-color:rgb(176, 175, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 175, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 175, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 175, 158);  
box-shadow:4px 4px 4px 4px rgb(176, 175,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4060, 42.3587, 38.4469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 175, 158) }
```

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

```
.background{ background-color: rgb(176,  
175, 158) }
```

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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