

Converting Colors

XYZ(39.4374, 44.1490, 39.3915)

Have a look what the booklet for
XYZ(39.4374, 44.1490, 39.3915)
contains.

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Color

**XYZ(39.3594, 44.0970,
39.2380)**

Conversions

Conversions Part 1

Format	Color
Hex	AAB59F
RGB	170, 181, 159
RGB Percent	67%, 71%, 62%
CMY	0.3333, 0.2902, 0.3765
CMYK	0.06, 0.00, 0.12, 0.29
HSL	90°, 13%, 67%
HSV	90°, 12%, 71%
XYZ	39.3594, 44.0970, 39.2380
YIQ	175.2030, 0.5060, -9.1740

Conversions

Conversions Part 2

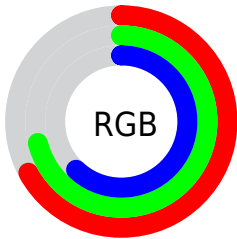
Format	Color
RYB	159, 181, 170
Decimal	11187615
CIELab	72.29, -7.89, 9.91
CIELCh	72, 12.665, 128.542
Yxy	44.0970, 0.3208, 0.3594
Android (android.graphics.Color)	4289377695 (0xFFAAB59F)
YUV	175.2030, -7.9881, -4.5630
Hunter-Lab	66.4056, -10.4106, 11.4504

Details

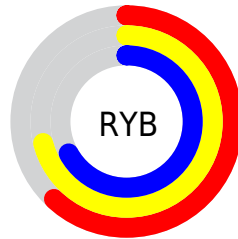
The XYZ color **39.3594, 44.0970, 39.2380** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.3180, 36.6798, 48.8315**, and the grayscale version is **40.8936, 43.0232, 46.8523**.

A 20% lighter version of the original color is **73.4731, 81.4310, 75.4636**, and **17.8972, 20.3726, 17.1764** is the 20% darker color. If you saturate the color by 10%, you get **36.0127, 42.5414, 31.4739**, and if you desaturate by 10%, it is **43.0733, 45.8179, 48.2218**.

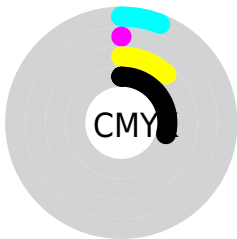
Distribution



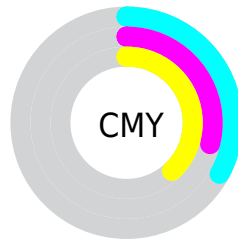
- Red (67%)
- Green (71%)
- Blue (62%)



- Red (62%)
- Yellow (71%)
- Blue (67%)



- Cyan (6%)
- Magenta (0%)
- Yellow (12%)
- Black (29%)





- Cyan (33%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3594, 44.0970, 39.2380 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 39.3594, 44.0970, 39.2380 by changing the saturation by 10% instead.

 39.3594, 44.0970,
39.2380


 39.3594, 44.0970,
39.2380


334.5970,
363.1040, 358.3574

 27.2214, 30.7468,
26.6357


 73.4776, 81.3637,
75.2261

 17.8770, 20.4061,
17.0698


 96.1885, 106.0489,
99.4490

 10.9609, 12.6906,
10.1218

123.1545,
135.2813, 128.3824

 6.1076, 7.2158,
5.3731

154.7408,
169.4452, 162.4450

 2.9519, 3.5974,
2.4053

191.3129,
208.9250, 202.0552

 1.1284, 1.4510,
0.7893

233.2360,

 0.0487, 0.2539,

254.1052, 247.6317

0.0000

280.8756,
305.3700, 299.5929

■ 0.0000, 0.0000,
0.0000

■ 39.3594, 44.0970,
39.2380

■ 39.3594, 44.0970,
39.2380

■ 36.0127, 42.5414,
31.4739

■ 43.0733, 45.8179,
48.2218

■ 33.0169, 41.1400,
24.8741

■ 47.1629, 47.7035,
58.4717

■ 30.3599, 39.8891,
19.3832

■ 51.6406, 49.7605,
70.0355

■ 28.0272, 38.7824,
14.9399

■ 56.5173, 51.9936,
82.9572

■ 26.0030, 37.8134,
11.4773

■ 61.8034, 54.4072,
97.2792

■ 24.2702, 36.9749,
8.9206

■ 65.4125, 56.1670,
102.0014

■ 22.8093, 36.2587,
7.1843

■ 68.2985, 57.6548,
102.1365

■ 21.5976, 35.6554,
6.1664

■ 71.3362, 59.2208,
102.2787

■ 20.7884, 35.2475,
5.7078

■ 74.5279, 60.8661,
102.4280

Harmonies

Analogous

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



41.2944, 44.0970, 37.1119



39.3594, 44.0970, 39.2380



38.1380, 44.0970, 43.7625

Triad

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



39.3594, 44.0970, 39.2380



40.4008, 44.0970, 60.0527



46.1884, 44.0970, 46.2561

Complementary

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



39.3594, 44.0970, 39.2380



37.3180, 36.6798, 48.8315

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.



45.9289, 44.0970, 52.5326



39.3594, 44.0970, 39.2380



42.5375, 44.0970, 60.8662

Square

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



39.3594, 44.0970, 39.2380



38.7246, 44.0970, 55.8746



44.5745, 44.0970, 58.0100



45.2715, 44.0970, 40.9278

Rectangle

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



39.3594, 44.0970, 39.2380



37.8676, 44.0970, 47.7099



44.5745, 44.0970, 58.0100



46.2365, 44.0970, 48.3197

Sweetspot

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



39.3606, 44.0989, 39.2390



75.8173, 81.4435, 83.1129



39.6905, 41.0781, 38.6385



16.2768, 17.5520, 17.6948



86.6293, 91.1408, 99.2523



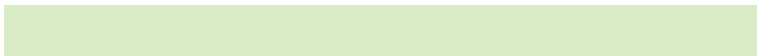
17.0014, 17.8868, 19.4787

Same Dimension

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



39.3606, 44.0989, 39.2390



68.5661, 78.0824, 65.7403



37.0813, 42.9239, 39.1323



8.7802, 9.6918, 9.0605



14.4103, 24.3389, 3.9384



0.5207, 0.8005, 0.1271

Inverse Universe

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



37.3180, 36.6798, 48.8315



64.0734, 61.7639, 86.8392



39.7964, 37.9574, 48.9475



8.4333, 8.4319, 10.6894



8.7714, 3.8576, 30.4193



0.3433, 0.1561, 0.9603

Previews

White Background



This preview shows how the XYZ color 39.3594, 44.0970, 39.2380 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 39.3594, 44.0970, 39.2380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

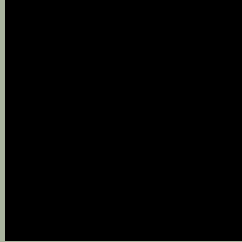
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

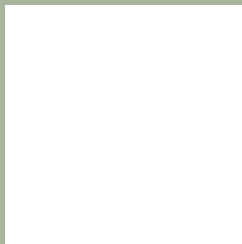
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.3594, 44.0970, 39.2380

Background



This preview shows how black text looks on a background with the XYZ color 39.3594, 44.0970, 39.2380.



This preview shows how white text looks on a background with the XYZ color 39.3594, 44.0970,

39.2380.

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

39.3594, 44.0970, 39.2380

Protanopia

41.8155, 44.1929, 38.2245

Deuteranopia

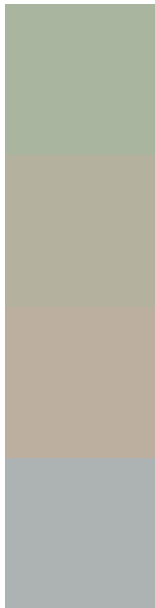
44.8153, 43.9784, 39.8449



Tritanopia

42.4988, 43.8823, 54.9454

Trichromacy



Original Color

39.3594, 44.0970, 39.2380

Protanomaly

40.9143, 44.0127, 38.6866

Deuteranomaly

42.6614, 44.0168, 39.5053

Tritanomaly

41.2907, 43.9797, 48.9605

Monochromacy



Original Color

39.3594, 44.0970, 39.2380

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.1172, 43.1931, 43.7588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3594, 44.0970, 39.2380 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(170, 181, 159)` looks like.

```
.text, #text, p{  
    color:rgb(170, 181, 159)  
}
```

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(170, 181, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 181, 159) }
```

Border

The CSS property to change the border of an element to XYZ 39.3594, 44.0970, 39.2380 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(170, 181, 159) }
```


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

```
.border{ border-color:rgb(170, 181, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 181, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 181, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 181, 159);  
box-shadow:4px 4px 4px 4px rgb(170, 181,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3594, 44.0970, 39.2380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 181, 159) }
```

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

```
.background{ background-color: rgb(170,  
181, 159) }
```

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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