

Converting Colors

XYZ(38.0389, 40.0750, 38.7864)

Have a look what the booklet for
XYZ(38.0389, 40.0750, 38.7864)
contains.

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Color

**XYZ(37.9887, 39.9127,
38.9594)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA9A0
RGB	174, 169, 160
RGB Percent	68%, 66%, 63%
CMY	0.3176, 0.3372, 0.3725
CMYK	0.00, 0.03, 0.08, 0.32
HSL	39°, 8%, 65%
HSV	39°, 8%, 68%
XYZ	37.9887, 39.9127, 38.9594
YIQ	169.4690, 5.8690, -1.7390

Conversions

Conversions Part 2

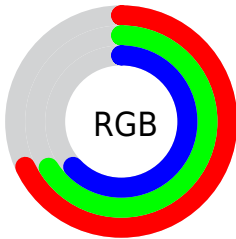
Format	Color
RYB	168, 174, 160
Decimal	11446688
CIELab	69.41, 0.17, 5.27
CIELCh	69, 5.270, 88.141
Yxy	39.9127, 0.3251, 0.3415
Android (android.graphics.Color)	4289636768 (0xFFAEA9A0)
YUV	169.4690, -4.6682, 3.9737
Hunter-Lab	63.1765, -3.2249, 7.6609

Details

The XYZ color **37.9887, 39.9127, 38.9594** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.5922, 37.4392, 45.3954**, and the grayscale version is **37.9658, 39.9429, 43.4979**.

A 20% lighter version of the original color is **71.2345, 74.8756, 74.9880**, and **17.1476, 17.9643, 17.0317** is the 20% darker color. If you saturate the color by 10%, you get **35.4442, 37.0913, 31.1197**, and if you desaturate by 10%, it is **40.8034, 42.9326, 47.9413**.

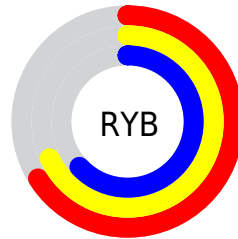
Distribution



Red (68%)

Green (66%)

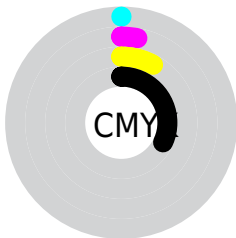
Blue (63%)



Red (66%)

Yellow (68%)

Blue (63%)

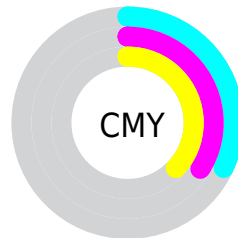


Cyan (0%)

Magenta (3%)

Yellow (8%)

Black (32%)



Cyan (32%)

Magenta (34%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.9887, 39.9127, 38.9594 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 37.9887, 39.9127, 38.9594 by changing the saturation by 10% instead.

■ 37.9887, 39.9127,
38.9594

■ 37.9887, 39.9127,
38.9594

328.8532,
345.7555, 357.1387

■ 26.1511, 27.4705,
26.4206

■ 71.3948, 75.0306,
74.7960

■ 17.0700, 17.9269,
16.9099

■ 93.6941, 98.4750,
98.9307

■ 10.3800, 10.8975,
10.0090

120.2112,
126.3556, 127.7679

■ 5.7158, 5.9980,
5.2993

151.3116,
159.0568, 161.7260

■ 2.7121, 2.8438,
2.3621

187.3607,
196.9630, 201.2236

■ 1.0034, 1.0508,
0.7657

228.7237,

■ 0.0000, 0.0000,

240.4586, 246.6792

0.0000

275.7661,
289.9280, 298.5114

■ 37.9887, 39.9127,
38.9594

■ 37.9887, 39.9127,
38.9594

■ 35.4442, 37.0913,
31.1197

■ 40.8034, 42.9326,
47.9413

■ 33.1570, 34.4581,
24.3730

■ 43.8940, 46.1506,
58.1066

■ 31.1181, 32.0095,
18.6702

■ 47.2701, 49.5729,
69.4978

■ 29.3164, 29.7400,
13.9578

■ 50.9400, 53.2041,
82.1545

■ 27.7402, 27.6436,
10.1771

■ 54.9115, 57.0482,
96.1143

■ 26.3764, 25.7135,
7.2634

■ 57.6409, 60.4890,
103.2453

■ 25.2102, 23.9428,
5.1434

■ 59.1682, 63.5436,
103.7544

■ 24.2247, 22.3230,
3.7318

■ 60.7552, 66.7176,
104.2834

■ 23.3922, 20.8418,
2.8876

■ 62.4026, 70.0125,
104.8325

Harmonies

Analogous

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



38.8023, 39.9127, 39.6143



37.9887, 39.9127, 38.9594



37.1726, 39.9127, 39.4722

Triad

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



37.9887, 39.9127, 38.9594



36.5172, 39.9127, 45.6962



39.3365, 39.9127, 45.9678

Complementary

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



37.9887, 39.9127, 38.9594



35.5922, 37.4392, 45.3954

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.



38.7094, 39.9127, 47.7038



37.9887, 39.9127, 38.9594



37.0823, 39.9127, 47.5429

Square

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



37.9887, 39.9127, 38.9594



36.3306, 39.9127, 43.3070



37.8830, 39.9127, 48.2905



39.5876, 39.9127, 43.6097

Rectangle

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



37.9887, 39.9127, 38.9594



36.7353, 39.9127, 40.4183



37.8830, 39.9127, 48.2905



39.1623, 39.9127, 46.6467

Sweetspot

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



37.9898, 39.9144, 38.9603



71.9173, 75.6478, 80.2074



36.8305, 36.8623, 40.8355



15.9970, 16.8270, 17.8672



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.



37.9898, 39.9144, 38.9603



67.8849, 71.2795, 67.4676



38.5242, 41.5964, 39.2567



8.4186, 8.8419, 8.4763



16.9127, 15.0309, 2.0099



0.5196, 0.5165, 0.0723

Inverse Universe

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



35.5922, 37.4392, 45.3954



62.4623, 65.6813, 82.0225



35.0845, 35.8656, 45.1184



7.8041, 8.2075, 10.1256



6.8464, 4.8266, 29.6153



0.2431, 0.2395, 0.8414

Previews

White Background



This preview shows how the XYZ color 37.9887, 39.9127, 38.9594 looks on a white background.

Color Contrast Check

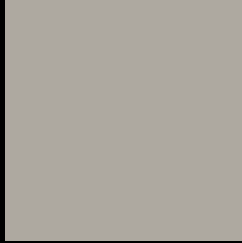
Large Text (above 18pt) WCAG AA × Fail

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 37.9887, 39.9127, 38.9594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

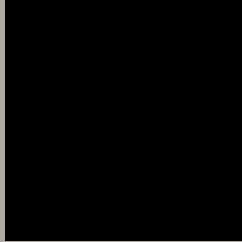
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.9887, 39.9127, 38.9594

Background



This preview shows how black text looks on a background with the XYZ color 37.9887, 39.9127, 38.9594.



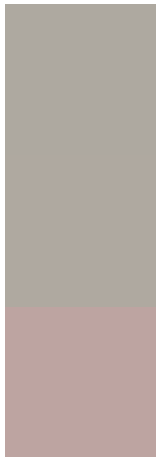
This preview shows how white text looks on a background with the XYZ color 37.9887, 39.9127,

38.9594.

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

37.9887, 39.9127, 38.9594

Protanopia

38.2123, 40.0280, 38.9699

Deuteranopia

40.6947, 39.9429, 39.2831



Tritanopia

39.9044, 39.8742, 48.2411

Trichromacy



Original Color

37.9887, 39.9127, 38.9594

Protanomaly

38.2123, 40.0280, 38.9699

Deuteranomaly

39.8364, 40.0360, 39.3463

Tritanomaly

39.1696, 39.8461, 44.6563

Monochromacy



Original Color

37.9887, 39.9127, 38.9594

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.8655, 39.7870, 41.7603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9887, 39.9127, 38.9594 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(174, 169, 160)` looks like.

```
.text, #text, p{  
    color:rgb(174, 169, 160)  
}
```

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(174, 169, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 169, 160) }
```

Border

The CSS property to change the border of an element to XYZ 37.9887, 39.9127, 38.9594 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(174, 169, 160) }
```


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

```
.border{ border-color:rgb(174, 169, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 169, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 169, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 169, 160);  
box-shadow:4px 4px 4px 4px rgb(174, 169,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9887, 39.9127, 38.9594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 169, 160) }
```

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

```
.background{ background-color: rgb(174,  
169, 160) }
```

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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