

Converting Colors

XYZ(37.0551, 39.9047, 40.8789)

Have a look what the booklet for
XYZ(37.0551, 39.9047, 40.8789)
contains.

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Color

**XYZ(36.9896, 39.9131,
40.8764)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | A6ABA4 |
| RGB | 166, 171, 164 |
| RGB Percent | 65%, 67%, 64% |
| CMY | 0.3490, 0.3294, 0.3569 |
| CMYK | 0.03, 0.00, 0.04, 0.33 |
| HSL | 103°, 4%, 66% |
| HSV | 103°, 4%, 67% |
| XYZ | 36.9896, 39.9131, 40.8764 |
| YIQ | 168.7070, -0.7330, -3.2370 |

Conversions

Conversions Part 2

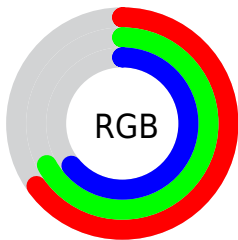
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 164, 171, 169 |
| Decimal | 10922916 |
| CIELab | 69.41, -3.09, 2.98 |
| CIELCh | 69, 4.289, 136.054 |
| Yxy | 39.9131, 0.3141, 0.3389 |
| Android (android.graphics.Color) | 4289112996 (0xFFA6ABA4) |
| YUV | 168.7070, -2.3206, -2.3740 |
| Hunter-Lab | 63.1768, -6.0489, 5.8622 |

Details

The XYZ color **36.9896, 39.9131, 40.8764** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.9899, 37.9273, 43.9012**, and the grayscale version is **37.5796, 39.5367, 43.0554**.

A 20% lighter version of the original color is **69.8013, 74.8793, 77.7921**, and **16.4609, 17.9409, 17.9246** is the 20% darker color. If you saturate the color by 10%, you get **33.1077, 38.0796, 33.1681**, and if you desaturate by 10%, it is **41.3248, 41.9585, 49.6915**.

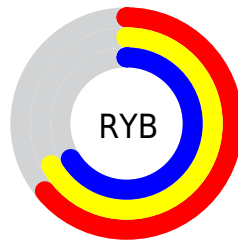
Distribution



Red (65%)

Green (67%)

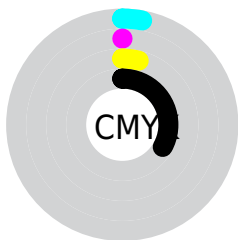
Blue (64%)



Red (64%)

Yellow (67%)

Blue (66%)

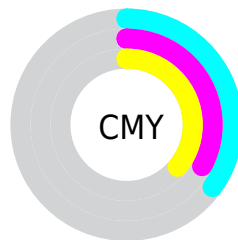


Cyan (3%)

Magenta (0%)

Yellow (4%)

Black (33%)



Cyan (35%)

Magenta (33%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.9896, 39.9131, 40.8764 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 36.9896, 39.9131, 40.8764 by changing the saturation by 10% instead.

■ 36.9896, 39.9131,
40.8764

■ 36.9896, 39.9131,
40.8764

324.6218,
345.7572, 365.4651

■ 25.3731, 27.4708,
27.9035

■ 69.8707, 75.0312,
77.7479

■ 16.4854, 17.9271,
18.0146

■ 91.8660, 98.4757,
102.4835

■ 9.9613, 10.8977,
10.7909

118.0517,
126.3565, 131.9773

■ 5.4354, 5.9981,
5.8140

148.7929,
159.0578, 166.6475

■ 2.5423, 2.8439,
2.6654

184.4552,
196.9642, 206.9129

■ 0.9166, 1.0508,
0.9259

225.4039,

■ 0.0000, 0.0000,

240.4599, 253.1919

0.0000

272.0043,
289.9295, 305.9032

■ 36.9896, 39.9131,
40.8764

■ 36.9896, 39.9131,
40.8764

■ 33.1077, 38.0796,
33.1681

■ 41.3248, 41.9585,
49.6915

■ 29.6607, 36.4462,
26.5205

■ 46.1241, 44.2172,
59.6521

■ 26.6339, 35.0074,
20.8877

■ 51.4024, 46.6970,
70.7982

■ 24.0105, 33.7556,
16.2199

■ 57.1725, 49.4038,
83.1669

■ 21.7725, 32.6827,
12.4628

■ 63.4471, 52.3433,
96.7939

■ 19.9005, 31.7800,
9.5567

■ 68.3130, 54.7510,
101.5753

■ 18.3729, 31.0379,
7.4350

■ 72.5853, 56.9535,
101.7752

■ 17.1661, 30.4458,
6.0209

■ 73.8537, 57.6073,
101.8346

■ 16.2525, 29.9916,
5.2223

Harmonies

Analogous

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



37.5707, 39.9131, 39.9108



36.9896, 39.9131, 40.8764



36.6640, 39.9131, 42.5499

Triad

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



36.9896, 39.9131, 40.8764



37.6176, 39.9131, 47.2489



39.2246, 39.9131, 42.4170

Complementary

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



36.9896, 39.9131, 40.8764



36.9899, 37.9273, 43.9012

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.



39.2376, 39.9131, 44.3801



36.9896, 39.9131, 40.8764



38.3040, 39.9131, 47.2106

Square

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



36.9896, 39.9131, 40.8764



37.0235, 39.9131, 46.2502



38.8988, 39.9131, 46.1473



38.8638, 39.9131, 40.7816

Rectangle

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



36.9896, 39.9131, 40.8764



36.6330, 39.9131, 43.8603



38.8988, 39.9131, 46.1473



39.2700, 39.9131, 43.0593

Sweetspot

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



36.9907, 39.9148, 40.8773



68.5464, 72.5677, 77.8487



37.6664, 39.6787, 40.7961



15.2956, 16.1874, 17.3798



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



36.9907, 39.9148, 40.8773



65.5186, 71.1388, 71.7467



36.7019, 39.7513, 41.5277



8.4537, 9.2077, 9.2146



11.9730, 22.4694, 3.7060



0.3874, 0.6531, 0.1056

Inverse Universe

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



36.9899, 37.9273, 43.9012



65.5167, 66.7449, 78.4318



37.2894, 38.0970, 43.2219



8.4535, 8.5837, 10.1640



11.6635, 5.3726, 29.4668



0.3747, 0.1753, 0.8221

Previews

White Background



This preview shows how the XYZ color 36.9896, 39.9131, 40.8764 looks on a white background.

Color Contrast Check

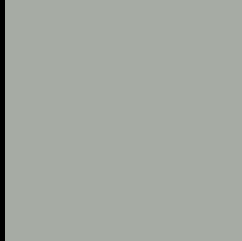
Large Text (above 18pt) WCAG AA × Fail

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 36.9896, 39.9131, 40.8764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

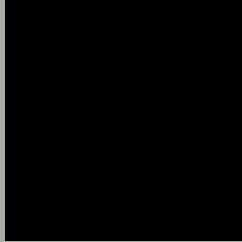
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.9896, 39.9131, 40.8764

Background



This preview shows how black text looks on a background with the XYZ color 36.9896, 39.9131, 40.8764.



This preview shows how white text looks on a background with the XYZ color 36.9896, 39.9131,

40.8764.

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

36.9896, 39.9131, 40.8764

Protanopia

38.2544, 40.0189, 40.3585

Deuteranopia

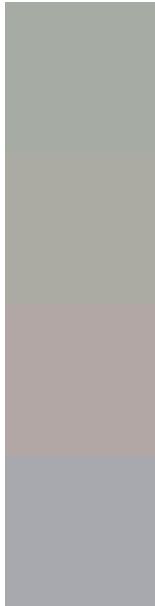
40.5605, 39.8323, 41.1479



Tritanopia

38.8083, 39.8177, 49.8961

Trichromacy



Original Color

36.9896, 39.9131, 40.8764

Protanomaly

37.7802, 40.0517, 40.3899

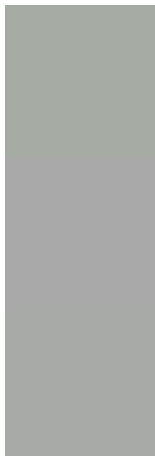
Deuteranomaly

39.2007, 39.9378, 41.2400

Tritanomaly

38.0743, 39.7959, 46.2321

Monochromacy



Original Color

36.9896, 39.9131, 40.8764

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.4982, 39.8643, 42.2774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9896, 39.9131, 40.8764 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(166, 171, 164)` looks like.

```
.text, #text, p{  
    color:rgb(166, 171, 164)  
}
```

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(166, 171, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 171, 164) }
```

Border

The CSS property to change the border of an element to XYZ 36.9896, 39.9131, 40.8764 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(166, 171, 164) }
```


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

```
.border{ border-color:rgb(166, 171, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 171, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 171, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 171, 164);  
box-shadow:4px 4px 4px 4px rgb(166, 171,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9896, 39.9131, 40.8764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 171, 164) }
```

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

```
.background{ background-color: rgb(166,  
171, 164) }
```

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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