

Converting Colors

XYZ(39.5802, 42.8780, 36.9401)

Have a look what the booklet for
XYZ(39.5802, 42.8780, 36.9401)
contains.

XYZ(39.4895, 42.7309, 36.7384)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.4895, 42.7309,
36.7384)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B09A
RGB	177, 176, 154
RGB Percent	69%, 69%, 60%
CMY	0.3059, 0.3098, 0.3961
CMYK	0.00, 0.01, 0.13, 0.31
HSL	57°, 13%, 65%
HSV	57°, 13%, 69%
XYZ	39.4895, 42.7309, 36.7384
YIQ	173.7910, 7.6580, -6.6300

Conversions

Conversions Part 2

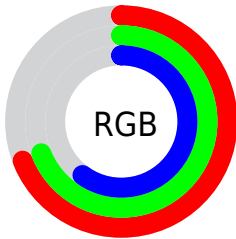
Format	Color
RYB	155, 177, 154
Decimal	11645082
CIELab	71.37, -3.51, 11.41
CIELCh	71, 11.934, 107.104
Yxy	42.7309, 0.3320, 0.3592
Android (android.graphics.Color)	4289835162 (0xFFB1B09A)
YUV	173.7910, -9.7570, 2.8143
Hunter-Lab	65.3689, -6.5632, 12.4362

Details

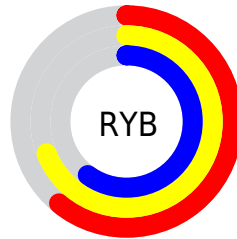
The XYZ color **39.4895, 42.7309, 36.7384** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.9834, 33.4863, 46.3203**, and the grayscale version is **40.1715, 42.2636, 46.0250**.

A 20% lighter version of the original color is **73.8461, 79.5909, 71.1450**, and **17.9680, 19.6797, 15.6835** is the 20% darker color. If you saturate the color by 10%, you get **37.9733, 41.8861, 29.4884**, and if you desaturate by 10%, it is **41.2263, 43.6682, 45.1355**.

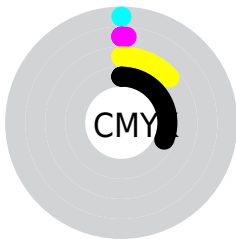
Distribution



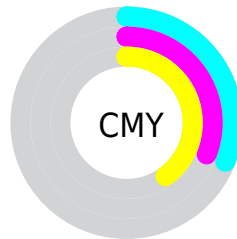
- Red (69%)
- Green (69%)
- Blue (60%)



- Red (61%)
- Yellow (69%)
- Blue (60%)



- Cyan (0%)
- Magenta (1%)
- Yellow (13%)
- Black (31%)



- Cyan (31%)
- Magenta (31%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4895, 42.7309, 36.7384 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 39.4895, 42.7309, 36.7384 by changing the saturation by 10% instead.

■ 39.4895, 42.7309,
36.7384

■ 39.4895, 42.7309,
36.7384

335.1386,
357.5039, 347.3111

■ 27.3232, 29.6740,
24.7108

■ 73.6748, 79.3046,
71.3521

■ 17.9539, 19.5913,
15.6447

■ 96.4245, 103.5903,
94.7753

■ 11.0164, 12.0983,
9.1214

123.4327,
132.3876, 122.8341

■ 6.1452, 6.8107,
4.7226

155.0647,
166.0811, 155.9470

■ 2.9751, 3.3440,
2.0296

191.6860,
205.0551, 194.5326

■ 1.1406, 1.3138,
0.5734

233.6618,

■ 0.0587, 0.1519,

249.6939, 239.0095

0.0000

281.3576,
300.3821, 289.7961

■ 0.0000, 0.0000,
0.0000

■ 39.4895, 42.7309,
36.7384

■ 39.4895, 42.7309,
36.7384

■ 37.9733, 41.8861,
29.4884

■ 41.2263, 43.6682,
45.1355

■ 36.6648, 41.1242,
23.3328

■ 43.1890, 44.6958,
54.7237

■ 35.5549, 40.4432,
18.2189

■ 45.3874, 45.8190,
65.5483

■ 34.6326, 39.8386,
14.0887

■ 47.8293, 47.0409,
77.6512

■ 33.8857, 39.3054,
10.8782

■ 50.5223, 48.3647,
91.0724

■ 33.3007, 38.8384,
8.5163

■ 52.6248, 49.4537,
101.3796

■ 32.8622, 38.4313,
6.9210

■ 52.7807, 49.7654,
101.4316

■ 32.5514, 38.0767,
5.9947

■ 52.9373, 50.0787,
101.4838

■ 32.3822, 37.8484,
5.5988

■ 53.0949, 50.3938,
101.5363

Harmonies

Analogous

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



41.4823, 42.7309, 36.5592



39.4895, 42.7309, 36.7384



37.8512, 42.7309, 39.3988

Triad

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



39.4895, 42.7309, 36.7384



38.0427, 42.7309, 55.1063



44.4954, 42.7309, 49.0384

Complementary

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



39.4895, 42.7309, 36.7384



32.9834, 33.4863, 46.3203

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.



43.5090, 42.7309, 54.4662



39.4895, 42.7309, 36.7384



39.7588, 42.7309, 58.1588

Square

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



39.4895, 42.7309, 36.7384



37.0349, 42.7309, 49.8550



41.7605, 42.7309, 57.9153



44.4175, 42.7309, 43.3499

Rectangle

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



39.4895, 42.7309, 36.7384



37.1606, 42.7309, 42.3559



41.7605, 42.7309, 57.9153



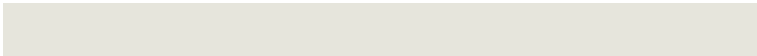
44.2760, 42.7309, 50.9627

Sweetspot

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



39.4907, 42.7328, 36.7393



73.4813, 78.0200, 79.1191



35.6165, 34.8305, 35.9228



15.8724, 16.8804, 16.8932



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.



39.4907, 42.7328, 36.7393



69.7927, 76.0182, 61.3180



37.4178, 41.9551, 36.6985



9.1649, 9.8423, 9.0692



23.4737, 27.4459, 4.0604



0.7482, 0.8828, 0.1310

Inverse Universe

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



32.9834, 33.4863, 46.3203



55.5233, 55.7421, 82.3282



34.8741, 34.2159, 46.3615



8.0705, 8.2872, 10.6806



5.8217, 2.4437, 30.3018



0.1929, 0.0963, 0.9567

Previews

White Background



This preview shows how the XYZ color 39.4895, 42.7309, 36.7384 looks on a white background.

Color Contrast Check

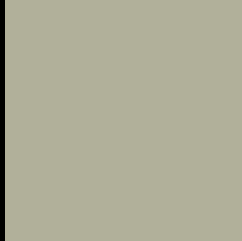
Large Text (above 18pt) WCAG AA × Fail

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 39.4895, 42.7309, 36.7384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

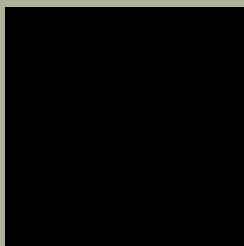
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

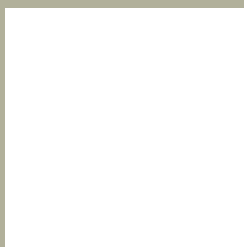
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.4895, 42.7309, 36.7384

Background



This preview shows how black text looks on a background with the XYZ color 39.4895, 42.7309, 36.7384.



This preview shows how white text looks on a background with the XYZ color 39.4895, 42.7309,

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

39.4895, 42.7309, 36.7384

Protanopia

40.4143, 42.6393, 36.2371

Deuteranopia

43.5566, 42.5477, 37.3693



Tritanopia

42.5655, 42.8316, 51.9228

Trichromacy



Original Color

39.4895, 42.7309, 36.7384

Protanomaly

40.1358, 42.7836, 36.2797

Deuteranomaly

41.9652, 42.5687, 37.0151

Tritanomaly

41.4059, 42.6464, 46.0937

Monochromacy



Original Color

39.4895, 42.7309, 36.7384

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.9842, 42.5639, 42.6675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4895, 42.7309, 36.7384 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(177, 176, 154)` looks like.

```
.text, #text, p{  
    color:rgb(177, 176, 154)  
}
```

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(177, 176, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 176, 154) }
```

Border

The CSS property to change the border of an element to XYZ 39.4895, 42.7309, 36.7384 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(177, 176, 154) }
```


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

```
.border{ border-color:rgb(177, 176, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 176, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 176, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 176, 154);  
box-shadow:4px 4px 4px 4px rgb(177, 176,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4895, 42.7309, 36.7384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 176, 154) }
```

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

```
.background{ background-color: rgb(177,  
176, 154) }
```

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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