

Converting Colors

XYZ(37.8100, 38.4458, 37.3621)

Have a look what the booklet for
XYZ(37.8100, 38.4458, 37.3621)
contains.

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Color

**XYZ(37.9517, 38.5689,
37.3426)**

Conversions

Conversions Part 1

Format	Color
Hex	B3A49D
RGB	179, 164, 157
RGB Percent	70%, 64%, 62%
CMY	0.2980, 0.3568, 0.3843
CMYK	0.00, 0.08, 0.12, 0.30
HSL	19°, 13%, 66%
HSV	19°, 12%, 70%
XYZ	37.9517, 38.5689, 37.3426
YIQ	167.6870, 11.1870, 1.0030

Conversions

Conversions Part 2

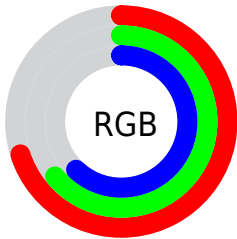
Format	Color
RYB	179, 167, 157
Decimal	11773085
CIELab	68.44, 4.23, 5.59
CIELCh	68, 7.008, 52.873
Yxy	38.5689, 0.3333, 0.3387
Android (android.graphics.Color)	4289963165 (0xFFB3A49D)
YUV	167.6870, -5.2687, 9.9215
Hunter-Lab	62.1039, 0.3997, 7.8221

Details

The XYZ color **37.9517, 38.5689, 37.3426** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.7938, 39.9273, 48.4159**, and the grayscale version is **37.0880, 39.0195, 42.4922**.

A 20% lighter version of the original color is **71.4761, 73.0787, 72.6258**, and **16.9999, 17.0646, 16.0335** is the 20% darker color. If you saturate the color by 10%, you get **34.4544, 33.8431, 29.1813**, and if you desaturate by 10%, it is **41.8847, 43.8068, 46.7547**.

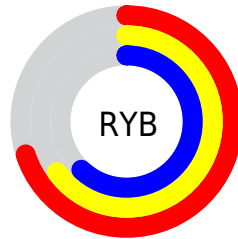
Distribution



Red (70%)

Green (64%)

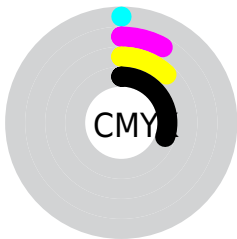
Blue (62%)



Red (70%)

Yellow (65%)

Blue (62%)

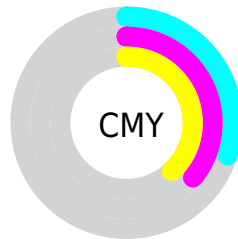


Cyan (0%)

Magenta (8%)

Yellow (12%)

Black (30%)



Cyan (30%)

Magenta (36%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.9517, 38.5689, 37.3426 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 37.9517, 38.5689, 37.3426 by changing the saturation by 10% instead.


 37.9517, 38.5689,
37.3426


 37.9517, 38.5689,
37.3426


328.6972,
340.0541, 350.0047

 26.1222, 26.4245,
25.1750


 71.3385, 72.9793,
72.2916

 17.0483, 17.1415,
15.9873

 93.6265, 96.0141,
95.9101

 10.3644, 10.3354,
9.3609


120.1315,
123.4478, 124.1826

 5.7054, 5.6219,
4.8773

151.2187,
155.6648, 157.5277

 2.7057, 2.6166,
2.1180

187.2535,
193.0496, 196.3639

 1.0001, 0.9350,
0.6264

228.6013,

 0.0000, 0.0000,

235.9865, 241.1098

0.0000

275.6274,
284.8599, 292.1839

■ 37.9517, 38.5689,
37.3426

■ 37.9517, 38.5689,
37.3426

■ 34.4544, 33.8431,
29.1813

■ 41.8847, 43.8068,
46.7547

■ 31.3739, 29.6087,
22.2153

■ 46.2648, 49.5665,
57.4649

■ 28.6948, 25.8508,
16.3886

■ 51.1072, 55.8641,
69.5213

■ 26.3993, 22.5522,
11.6397

■ 56.4252, 62.7132,
82.9684

■ 24.4684, 19.6942,
7.9010

■ 62.2317, 70.1272,
97.8491

■ 22.8810, 17.2572,
5.0976

■ 66.9878, 77.4982,
106.0358

■ 21.6137, 15.2193,
3.1437

■ 70.6462, 84.8149,
107.2552

■ 20.6394, 13.5567,
1.9373

■ 72.4006, 88.3238,
107.8400

■ 20.0527, 12.5080,
1.3574

Harmonies

Analogous

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



38.6446, 38.5689, 39.6814



37.9517, 38.5689, 37.3426



36.9219, 38.5689, 36.2598

Triad

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



37.9517, 38.5689, 37.3426



34.5971, 38.5689, 41.2470



37.4879, 38.5689, 47.8345

Complementary

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



37.9517, 38.5689, 37.3426



36.7938, 39.9273, 48.4159

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.



36.3965, 38.5689, 48.3051



37.9517, 38.5689, 37.3426



34.7418, 38.5689, 44.3968

Square

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



37.9517, 38.5689, 37.3426



34.9959, 38.5689, 38.4396



35.3952, 38.5689, 47.0186



38.3731, 38.5689, 45.7631

Rectangle

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



37.9517, 38.5689, 37.3426



36.1888, 38.5689, 36.3556



35.3952, 38.5689, 47.0186



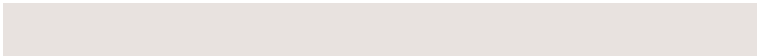
37.1324, 38.5689, 48.1893

Sweetspot

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



37.9528, 38.5706, 37.3434



73.7039, 76.7214, 80.5722



38.0975, 36.6781, 44.1187



16.2086, 16.8378, 17.5605



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.



37.9528, 38.5706, 37.3434



66.0353, 66.4756, 62.3198



40.0002, 42.6656, 38.0259



8.7098, 8.9322, 8.9176



14.2228, 8.9441, 0.9768



0.5014, 0.3893, 0.0487

Inverse Universe

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



36.7938, 39.9273, 48.4159



63.5107, 69.4293, 86.4350



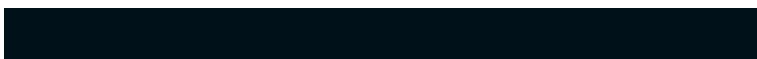
34.7926, 35.9248, 47.7488



8.5100, 9.1662, 10.8271



10.7301, 12.2606, 31.9380



0.3873, 0.4852, 1.0215

Previews

White Background



This preview shows how the XYZ color 37.9517, 38.5689, 37.3426 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 37.9517, 38.5689, 37.3426 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

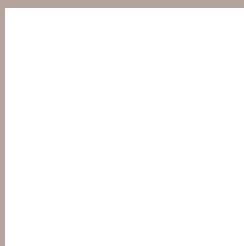
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.9517, 38.5689, 37.3426

Background



This preview shows how black text looks on a background with the XYZ color 37.9517, 38.5689, 37.3426.



This preview shows how white text looks on a background with the XYZ color 37.9517, 38.5689,

37.3426.

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

37.9517, 38.5689, 37.3426

Protanopia

36.8210, 38.5117, 37.8406

Deuteranopia

39.4099, 38.5232, 37.7063



Tritanopia

39.4409, 38.3695, 45.3717

Trichromacy



Original Color

37.9517, 38.5689, 37.3426

Protanomaly

37.3059, 38.4928, 37.8114

Deuteranomaly

38.8591, 38.4996, 37.7308

Tritanomaly

38.8106, 38.3711, 42.4066

Monochromacy



Original Color

37.9517, 38.5689, 37.3426

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.5328, 39.0884, 40.6886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9517, 38.5689, 37.3426 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(179, 164, 157)` looks like.

```
.text, #text, p{  
    color:rgb(179, 164, 157)  
}
```

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(179, 164, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 164, 157) }
```

Border

The CSS property to change the border of an element to XYZ 37.9517, 38.5689, 37.3426 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(179, 164, 157) }
```


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

```
.border{ border-color:rgb(179, 164, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 164, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 164, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 164, 157);  
box-shadow:4px 4px 4px 4px rgb(179, 164,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9517, 38.5689, 37.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 164, 157) }
```

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

```
.background{ background-color: rgb(179,  
164, 157) }
```

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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