

Converting Colors

XYZ(37.5314, 38.6089, 37.8226)

Have a look what the booklet for
XYZ(37.5314, 38.6089, 37.8226)
contains.

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Color

**XYZ(37.5312, 38.6090,
37.8219)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A59E
RGB	176, 165, 158
RGB Percent	69%, 65%, 62%
CMY	0.3098, 0.3529, 0.3804
CMYK	0.00, 0.06, 0.10, 0.31
HSL	23°, 10%, 65%
HSV	23°, 10%, 69%
XYZ	37.5312, 38.6090, 37.8219
YIQ	167.4910, 8.8030, 0.1550

Conversions

Conversions Part 2

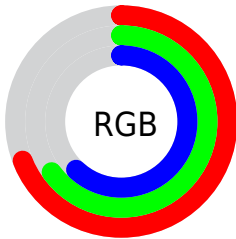
Format	Color
RYB	176, 169, 158
Decimal	11576734
CIELab	68.47, 2.74, 5.04
CIELCh	68, 5.738, 61.485
Yxy	38.6090, 0.3293, 0.3388
Android (android.graphics.Color)	4289766814 (0xFFB0A59E)
YUV	167.4910, -4.6791, 7.4624
Hunter-Lab	62.1361, -0.9215, 7.4058

Details

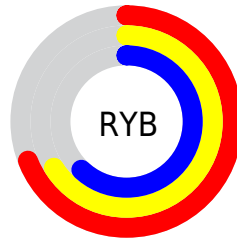
The XYZ color **37.5312, 38.6090, 37.8219** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.1249, 38.7789, 46.6559**, and the grayscale version is **36.9902, 38.9165, 42.3801**.

A 20% lighter version of the original color is **70.8822, 73.1463, 73.3335**, and **16.7273, 17.0827, 16.3256** is the 20% darker color. If you saturate the color by 10%, you get **34.2652, 34.3300, 29.7867**, and if you desaturate by 10%, it is **41.1794, 43.3044, 47.0559**.

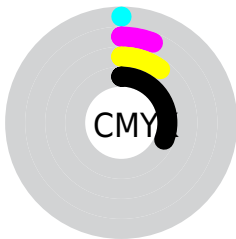
Distribution



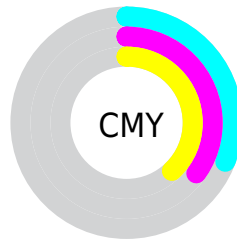
- Red (69%)
- Green (65%)
- Blue (62%)



- Red (69%)
- Yellow (66%)
- Blue (62%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (31%)



- Cyan (31%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5312, 38.6090, 37.8219 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 37.5312, 38.6090, 37.8219 by changing the saturation by 10% instead.

■ 37.5312, 38.6090,
37.8219

■ 37.5312, 38.6090,
37.8219

326.9204,
340.2253, 352.1306

■ 25.7946, 26.4557,
25.5437

■ 70.6976, 73.0406,
73.0355

■ 16.8019, 17.1649,
16.2599

■ 92.8580, 96.0877,
96.8079

■ 10.1878, 10.3521,
9.5519

119.2238,
123.5349, 125.2489

■ 5.5869, 5.6330,
5.0012

150.1603,
155.7665, 158.7770

■ 2.6338, 2.6233,
2.1892

186.0329,
193.1669, 197.8107

■ 0.9632, 0.9384,
0.6681

227.2068,

■ 0.0000, 0.0000,

236.1206, 242.7684

0.0000

274.0476,
285.0119, 294.0689

■ 37.5312, 38.6090,
37.8219

■ 37.5312, 38.6090,
37.8219

■ 34.2652, 34.3300,
29.7867

■ 41.1794, 43.3044,
47.0559

■ 31.3650, 30.4505,
22.8981

■ 45.2192, 48.4222,
57.5330

■ 28.8178, 26.9601,
17.1038

■ 49.6634, 53.9748,
69.2982

■ 26.6085, 23.8459,
12.3464

■ 54.5234, 59.9726,
82.3935

■ 24.7211, 21.0942,
8.5631

■ 59.8101, 66.4254,
96.8591

■ 23.1379, 18.6904,
5.6844

■ 64.1178, 72.7764,
105.2756

■ 21.8392, 16.6185,
3.6313

■ 67.1947, 78.9302,
106.3013

■ 20.8023, 14.8611,
2.3106

■ 70.4593, 85.4594,
107.3895

■ 20.0008, 13.4223,
1.5366

■ 71.7147, 87.9702,
107.8079

Harmonies

Analogous

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



38.1962, 38.6090, 39.4965



37.5312, 38.6090, 37.8219



36.6517, 38.6090, 37.2645

Triad

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



37.5312, 38.6090, 37.8219



34.9895, 38.6090, 42.1676



37.6103, 38.6090, 46.4199

Complementary

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



37.5312, 38.6090, 37.8219



36.1249, 38.7789, 46.6559

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.



36.7417, 38.6090, 47.2041



37.5312, 38.6090, 37.8219



35.2369, 38.6090, 44.6876

Square

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



37.5312, 38.6090, 37.8219



35.1932, 38.6090, 39.7109



35.8747, 38.6090, 46.5577



38.2424, 38.6090, 44.4556

Rectangle

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



37.5312, 38.6090, 37.8219



36.0649, 38.6090, 37.5825



35.8747, 38.6090, 46.5577



37.3358, 38.6090, 46.8338

Sweetspot

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



37.5323, 38.6107, 37.8227



72.7450, 76.0567, 80.3865



37.3027, 36.5527, 42.6752



15.6488, 16.3336, 17.1255



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.



37.5323, 38.6107, 37.8227



66.8414, 68.4279, 65.5373



39.1933, 41.9327, 38.3764



8.7585, 9.0295, 8.9338



14.7281, 9.9548, 1.1452



0.5210, 0.4285, 0.0552

Inverse Universe

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



36.1249, 38.7789, 46.6559



63.8346, 68.7870, 84.4081



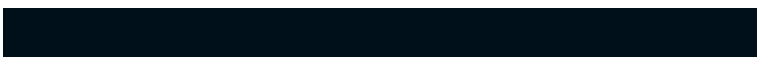
34.5257, 35.5805, 46.1228



8.4595, 9.0652, 10.8102



9.7057, 10.2118, 31.5965



0.3600, 0.4306, 1.0124

Previews

White Background



This preview shows how the XYZ color 37.5312, 38.6090, 37.8219 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 37.5312, 38.6090, 37.8219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

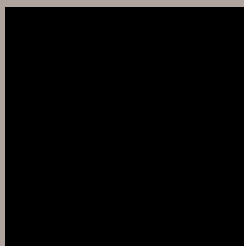
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

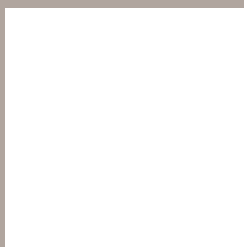
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.5312, 38.6090, 37.8219

Background



This preview shows how black text looks on a background with the XYZ color 37.5312, 38.6090, 37.8219.



This preview shows how white text looks on a background with the XYZ color 37.5312, 38.6090,

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

37.5312, 38.6090, 37.8219

Protanopia

36.9075, 38.5463, 38.2958

Deuteranopia

39.2526, 38.4320, 38.1502



Tritanopia

39.0183, 38.4008, 45.9130

Trichromacy



Original Color

37.5312, 38.6090, 37.8219

Protanomaly

37.1278, 38.6599, 38.3061

Deuteranomaly

38.4697, 38.2889, 38.1638

Tritanomaly

38.3901, 38.4061, 42.9259

Monochromacy



Original Color

37.5312, 38.6090, 37.8219

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.9146, 38.4988, 40.6074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5312, 38.6090, 37.8219 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(176, 165, 158)` looks like.

```
.text, #text, p{  
    color:rgb(176, 165, 158)  
}
```

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(176, 165, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 165, 158) }
```

Border

The CSS property to change the border of an element to XYZ 37.5312, 38.6090, 37.8219 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(176, 165, 158) }
```


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

```
.border{ border-color:rgb(176, 165, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 165, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 165, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 165, 158);  
box-shadow:4px 4px 4px 4px rgb(176, 165,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5312, 38.6090, 37.8219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 165, 158) }
```

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

```
.background{ background-color: rgb(176,  
165, 158) }
```

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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