

Converting Colors

XYZ(39.4532, 40.8498, 37.6983)

Have a look what the booklet for
XYZ(39.4532, 40.8498, 37.6983)
contains.

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Color

**XYZ(39.5166, 41.0075,
37.7308)**

Conversions

Conversions Part 1

Format	Color
Hex	B5AA9D
RGB	181, 170, 157
RGB Percent	71%, 67%, 62%
CMY	0.2902, 0.3333, 0.3843
CMYK	0.00, 0.06, 0.13, 0.29
HSL	33°, 14%, 66%
HSV	33°, 13%, 71%
XYZ	39.5166, 41.0075, 37.7308
YIQ	171.8070, 10.7290, -1.7110

Conversions

Conversions Part 2

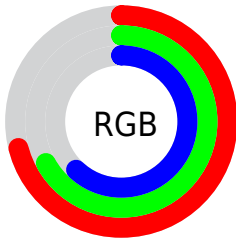
Format	Color
RYB	177, 181, 157
Decimal	11905693
CIELab	70.18, 1.71, 8.11
CIElCh	70, 8.288, 78.105
Yxy	41.0075, 0.3342, 0.3468
Android (android.graphics.Color)	4290095773 (0xFFB5AA9D)
YUV	171.8070, -7.2999, 8.0623
Hunter-Lab	64.0371, -1.9145, 9.8922

Details

The XYZ color **39.5166, 41.0075, 37.7308** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.2477, 38.5089, 49.2390**, and the grayscale version is **39.1479, 41.1867, 44.8523**.

A 20% lighter version of the original color is **73.7339, 76.6084, 73.1881**, and **17.9820, 18.5867, 16.2755** is the 20% darker color. If you saturate the color by 10%, you get **36.5787, 37.4240, 29.6839**, and if you desaturate by 10%, it is **42.7838, 44.8824, 47.0179**.

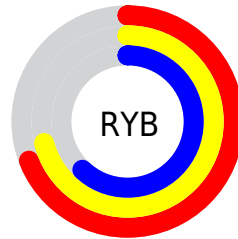
Distribution



Red (71%)

Green (67%)

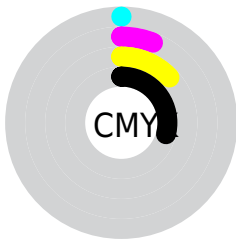
Blue (62%)



Red (69%)

Yellow (71%)

Blue (62%)

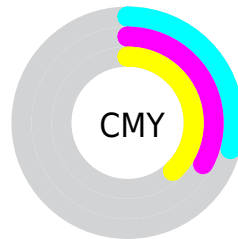


Cyan (0%)

Magenta (6%)

Yellow (13%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5166, 41.0075, 37.7308 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 39.5166, 41.0075, 37.7308 by changing the saturation by 10% instead.

■ 39.5166, 41.0075,
37.7308

■ 39.5166, 41.0075,
37.7308

335.2514,
350.3520, 351.7273

■ 27.3444, 28.3249,
25.4736

■ 73.7159, 76.6953,
72.8942

■ 17.9700, 18.5708,
16.2080

■ 96.4736, 100.4693,
96.6374

■ 11.0280, 11.3605,
9.5155

123.4906,
128.7092, 125.0465

■ 6.1531, 6.3099,
4.9776

155.1322,
161.7995, 158.5399

■ 2.9799, 3.0344,
2.1756

191.7637,
200.1246, 197.5361

■ 1.1432, 1.1497,
0.6602

233.7505,

■ 0.0608, 0.0201,

244.0687, 242.4537

0.0000

281.4579,
294.0164, 293.7112

■ 0.0000, 0.0000,
0.0000

■ 39.5166, 41.0075,
37.7308

■ 39.5166, 41.0075,
37.7308

■ 36.5787, 37.4240,
29.6839

■ 42.7838, 44.8824,
47.0179

■ 33.9550, 34.1189,
22.8213

■ 46.3881, 49.0505,
57.5928

■ 31.6338, 31.0859,
17.0863

■ 50.3412, 53.5207,
69.5037

■ 29.6018, 28.3166,
12.4169

■ 54.6533, 58.2995,
82.7955

■ 27.8439, 25.8020,
8.7448

■ 59.3339, 63.3934,
97.5111

■ 26.3439, 23.5323,
5.9936

■ 62.6378, 68.1069,
104.4523

■ 25.0832, 21.4966,
4.0758

■ 64.8657, 72.5627,
105.1950

■ 24.0397, 19.6826,
2.8864

■ 67.2030, 77.2374,
105.9741

■ 23.4302, 18.5717,
2.3498

■ 69.6514, 82.1341,
106.7902

Harmonies

Analogous

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



40.7446, 41.0075, 39.3162



39.5166, 41.0075, 37.7308



38.1713, 41.0075, 37.9184

Triad

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



39.5166, 41.0075, 37.7308



36.5489, 41.0075, 47.0126



40.9508, 41.0075, 49.8276

Complementary

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



39.5166, 41.0075, 37.7308



36.2477, 38.5089, 49.2390

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.



39.7928, 41.0075, 52.1350



39.5166, 41.0075, 37.7308



37.2601, 41.0075, 50.4460

Square

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



39.5166, 41.0075, 37.7308



36.4789, 41.0075, 43.1278



38.4411, 41.0075, 52.3677



41.5854, 41.0075, 46.2080

Rectangle

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



39.5166, 41.0075, 37.7308



37.3885, 41.0075, 39.0252



38.4411, 41.0075, 52.3677



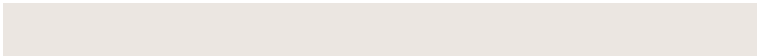
40.6086, 41.0075, 50.7913

Sweetspot

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



39.5177, 41.0093, 37.7317



76.1296, 79.8031, 82.7798



38.2001, 36.7729, 42.2286



16.3564, 17.1333, 17.6098



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.



39.5177, 41.0093, 37.7317



69.1308, 71.4611, 63.0116



41.4792, 45.2099, 38.4391



8.8650, 9.2426, 8.9693



16.2222, 12.9429, 1.6432



0.5679, 0.5222, 0.0709

Inverse Universe

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



36.2477, 38.5089, 49.2390



62.0935, 66.0803, 87.7767



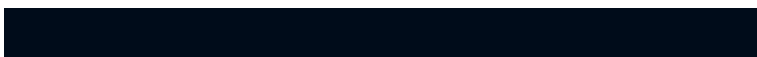
34.4593, 34.6996, 48.5980



8.3521, 8.8503, 10.7744



7.9464, 6.6933, 31.0101



0.3086, 0.3277, 0.9952

Previews

White Background



This preview shows how the XYZ color 39.5166, 41.0075, 37.7308 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 39.5166, 41.0075, 37.7308 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

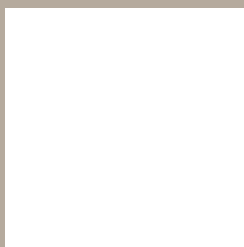
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.5166, 41.0075, 37.7308

Background



This preview shows how black text looks on a background with the XYZ color 39.5166, 41.0075, 37.7308.



This preview shows how white text looks on a background with the XYZ color 39.5166, 41.0075,

37.7308.

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

39.5166, 41.0075, 37.7308

Protanopia

39.0946, 41.0594, 38.2125

Deuteranopia

41.8001, 41.0785, 38.0736



Tritanopia

41.8241, 41.1231, 48.9132

Trichromacy



Original Color

39.5166, 41.0075, 37.7308

Protanomaly

39.3249, 41.1781, 38.2233

Deuteranomaly

40.9765, 40.9249, 38.0873

Tritanomaly

40.9775, 41.0511, 44.7936

Monochromacy



Original Color

39.5166, 41.0075, 37.7308

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.2172, 41.0298, 42.4118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5166, 41.0075, 37.7308 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(181, 170, 157)` looks like.

```
.text, #text, p{  
    color:rgb(181, 170, 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(181, 170, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 170, 157) }
```

Border

The CSS property to change the border of an element to XYZ 39.5166, 41.0075, 37.7308 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(181, 170, 157) }
```


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

```
.border{ border-color:rgb(181, 170, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 170, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 170, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 170, 157);  
box-shadow:4px 4px 4px 4px rgb(181, 170,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5166, 41.0075, 37.7308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 170, 157) }
```

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

```
.background{ background-color: rgb(181,  
170, 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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