

Converting Colors

XYZ(38.2391, 38.4525, 37.3049)

Have a look what the booklet for
XYZ(38.2391, 38.4525, 37.3049)
contains.

XYZ(38.2391, 38.4525, 37.3049)	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(38.2391, 38.4525,
37.3049)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A39D
RGB	181, 163, 157
RGB Percent	71%, 64%, 62%
CMY	0.2902, 0.3608, 0.3843
CMYK	0.00, 0.10, 0.13, 0.29
HSL	15°, 14%, 66%
HSV	15°, 13%, 71%
XYZ	38.2391, 38.4525, 37.3049
YIQ	167.6980, 12.6540, 1.9500

Conversions

Conversions Part 2

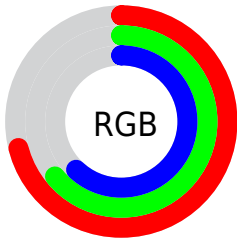
Format	Color
RYB	181, 165, 157
Decimal	11903901
CIELab	68.35, 5.52, 5.49
CIELCh	68, 7.787, 44.816
Yxy	38.4525, 0.3354, 0.3373
Android (android.graphics.Color)	4290093981 (0xFFB5A39D)
YUV	167.6980, -5.2741, 11.6659
Hunter-Lab	62.0101, 1.5561, 7.7385

Details

The XYZ color **38.2391, 38.4525, 37.3049** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.5749, 41.1634, 49.6815**, and the grayscale version is **37.0930, 39.0247, 42.4979**.

A 20% lighter version of the original color is **71.8801, 72.9008, 72.5701**, and **17.1880, 16.9987, 16.0108** is the 20% darker color. If you saturate the color by 10%, you get **34.5252, 33.3169, 28.9993**, and if you desaturate by 10%, it is **42.4428, 44.2004, 46.9041**.

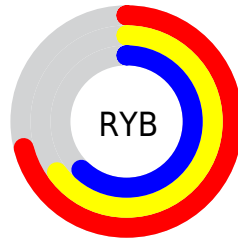
Distribution



Red (71%)

Green (64%)

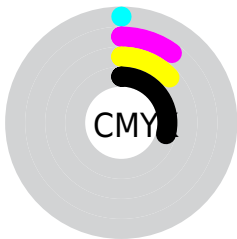
Blue (62%)



Red (71%)

Yellow (65%)

Blue (62%)

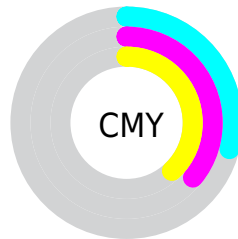


Cyan (0%)

Magenta (10%)

Yellow (13%)

Black (29%)



Cyan (29%)


Magenta (36%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.2391, 38.4525, 37.3049 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 38.2391, 38.4525, 37.3049 by changing the saturation by 10% instead.


 38.2391, 38.4525,
37.3049


 38.2391, 38.4525,
37.3049

329.9077,
339.5571, 349.8371

 26.3464, 26.3341,
25.1460


 71.7760, 72.8012,
72.2330

 17.2170, 17.0737,
15.9659


 94.1509, 95.8002,
95.8394

 10.4856, 10.2871,
9.3459


120.7505,
123.1949, 124.0986

 5.7868, 5.5897,
4.8676

151.9403,
155.3697, 157.4292

 2.7553, 2.5972,
2.1124

188.0856,
192.7089, 196.2499

 1.0257, 0.9253,
0.6231

229.5516,

 0.0000, 0.0000,

235.5969, 240.9790

0.0000

276.7039,
284.4182, 292.0352

■ 38.2391, 38.4525,
37.3049

■ 38.2391, 38.4525,
37.3049

■ 34.5252, 33.3169,
28.9993

■ 42.4428, 44.2004,
46.9041

■ 31.2796, 28.7682,
21.9294

■ 47.1502, 50.5748,
57.8467

■ 28.4843, 24.7868,
16.0364

■ 52.3788, 57.5958,
70.1827

■ 26.1184, 21.3499,
11.2558

■ 58.1441, 65.2811,
83.9590

■ 24.1595, 18.4332,
7.5166

■ 64.4610, 73.6476,
99.2200

■ 22.5830, 16.0105,
4.7399

■ 69.5893, 82.0100,
106.7695

■ 21.3614, 14.0530,
2.8351

■ 72.8663, 88.5639,
107.8618

■ 20.4629, 12.5289,
1.6941

■ 20.0052, 11.7218,
1.2081

Harmonies

Analogous

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



38.8654, 38.4525, 40.1720



38.2391, 38.4525, 37.3049



37.1664, 38.4525, 35.7076

Triad

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



38.2391, 38.4525, 37.3049



34.3283, 38.4525, 40.1314



37.1517, 38.4525, 48.7119

Complementary

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



38.2391, 38.4525, 37.3049



37.5749, 41.1634, 49.6815

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.



35.9364, 38.4525, 48.6995



38.2391, 38.4525, 37.3049



34.3245, 38.4525, 43.6116

Square

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



38.2391, 38.4525, 37.3049



34.9177, 38.4525, 37.2766



34.9074, 38.4525, 46.7893



38.2281, 38.4525, 46.8222

Rectangle

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



38.2391, 38.4525, 37.3049



36.3512, 38.4525, 35.5182



34.9074, 38.4525, 46.7893



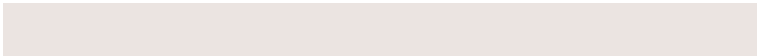
36.7454, 38.4525, 48.9333

Sweetspot

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



38.2402, 38.4542, 37.3057



75.3725, 78.2890, 82.5275



38.8514, 37.0334, 45.6584



16.1640, 16.7484, 17.5457



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.



38.2402, 38.4542, 37.3057



66.3950, 65.9895, 62.0996



40.4723, 42.9185, 38.0498



8.6634, 8.8393, 8.9021



13.8387, 8.1760, 0.8487



0.4826, 0.3516, 0.0424

Inverse Universe

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



37.5749, 41.1634, 49.6815



64.9626, 71.8184, 88.7331



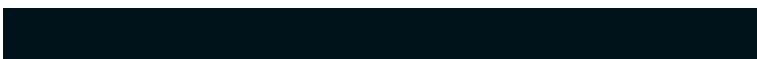
35.3428, 36.6992, 48.9374



8.5591, 9.2644, 10.8434



11.8495, 14.4995, 32.3111



0.4158, 0.5422, 1.0310

Previews

White Background



This preview shows how the XYZ color 38.2391, 38.4525, 37.3049 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 38.2391, 38.4525, 37.3049 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 38.2391, 38.4525, 37.3049

Background



This preview shows how black text looks on a background with the XYZ color 38.2391, 38.4525, 37.3049.



This preview shows how white text looks on a background with the XYZ color 38.2391, 38.4525,

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

38.2391, 38.4525, 37.3049

Protanopia

36.9075, 38.5463, 38.2958

Deuteranopia

39.0804, 38.3632, 37.2434



Tritanopia

39.8161, 38.5741, 44.8822

Trichromacy



Original Color

38.2391, 38.4525, 37.3049

Protanomaly

37.3059, 38.4928, 37.8114

Deuteranomaly

38.7733, 38.4653, 37.2793

Tritanomaly

39.1868, 38.5758, 41.9397

Monochromacy



Original Color

38.2391, 38.4525, 37.3049

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.5706, 38.8370, 40.6381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2391, 38.4525, 37.3049 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, 163, 157)` looks like.

```
.text, #text, p{  
    color:rgb(181, 163, 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, 163, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 163, 157) }
```

Border

The CSS property to change the border of an element to XYZ 38.2391, 38.4525, 37.3049 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, 163, 157) }
```


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

```
.border{ border-color:rgb(181, 163, 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, 163, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 163, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 163, 157);  
box-shadow:4px 4px 4px 4px rgb(181, 163,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2391, 38.4525, 37.3049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 163, 157) }
```

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

```
.background{ background-color: rgb(181,  
163, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor