

Converting Colors

XYZ(37.4076, 38.2779, 39.1350)

Have a look what the booklet for
XYZ(37.4076, 38.2779, 39.1350)
contains.

XYZ(37.3877, 38.2381, 39.1284)	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(37.3877, 38.2381,
39.1284)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA4A1
RGB	175, 164, 161
RGB Percent	69%, 64%, 63%
CMY	0.3137, 0.3568, 0.3686
CMYK	0.00, 0.06, 0.08, 0.31
HSL	13°, 8%, 66%
HSV	13°, 8%, 69%
XYZ	37.3877, 38.2381, 39.1284
YIQ	166.9470, 7.5190, 1.3990

Conversions

Conversions Part 2

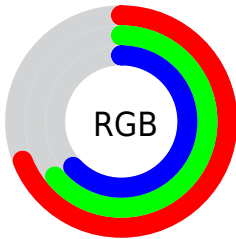
Format	Color
RYB	175, 165, 161
Decimal	11510945
CIELab	68.20, 3.44, 2.97
CIELCh	68, 4.547, 40.834
Yxy	38.2381, 0.3258, 0.3332
Android (android.graphics.Color)	4289701025 (0xFFAFA4A1)
YUV	166.9470, -2.9319, 7.0625
Hunter-Lab	61.8370, -0.2905, 5.7691

Details

The XYZ color **37.3877, 38.2381, 39.1284** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.1883, 40.1766, 46.3528**, and the grayscale version is **36.7169, 38.6291, 42.0671**.

A 20% lighter version of the original color is **70.6812, 72.6098, 75.2555**, and **16.7770, 16.9251, 17.1345** is the 20% darker color. If you saturate the color by 10%, you get **33.6230, 33.0076, 30.7851**, and if you desaturate by 10%, it is **41.6365, 44.0902, 48.6997**.

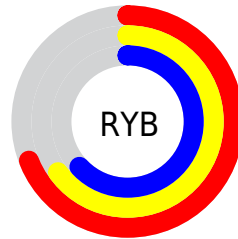
Distribution



Red (69%)

Green (64%)

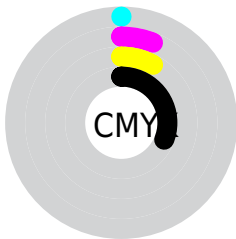
Blue (63%)



Red (69%)

Yellow (65%)

Blue (63%)

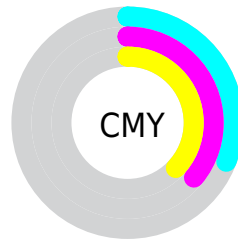


Cyan (0%)

Magenta (6%)

Yellow (8%)

Black (31%)



Cyan (31%)


Magenta (36%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.3877, 38.2381, 39.1284 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 37.3877, 38.2381, 39.1284 by changing the saturation by 10% instead.


 37.3877, 38.2381,
39.1284


 37.3877, 38.2381,
39.1284


326.3125,
338.6403, 357.8783

 25.6829, 26.1675,
26.5510


 70.4786, 72.4729,
75.0569

 16.7180, 16.9490,
17.0069


 92.5954, 95.4060,
99.2452

 10.1277, 10.1981,
10.0774


118.9136,
122.7287, 128.1408

 5.5466, 5.5305,
5.3440

149.7985,
154.8254, 162.1623

 2.6094, 2.5618,
2.3882

185.6155,
192.0805, 201.7283

 0.9508, 0.9075,
0.7800

226.7299,

 0.0000, 0.0000,

234.8784, 247.2573

0.0000

273.5071,
283.6035, 299.1678

■ 37.3877, 38.2381,
39.1284

■ 37.3877, 38.2381,
39.1284

■ 33.6230, 33.0076,
30.7851

■ 41.6365, 44.0902,
48.6997

■ 30.3218, 28.3733,
23.6175

■ 46.3827, 50.5783,
59.5434

■ 27.4668, 24.3153,
17.5732

■ 51.6429, 57.7226,
71.7048

■ 25.0385, 20.8108,
12.5950

■ 57.4321, 65.5411,
85.2262

■ 23.0155, 17.8355,
8.6203

■ 63.7647, 74.0507,
100.1481

■ 21.3750, 15.3631,
5.5803

■ 68.8319, 82.5390,
106.9115

■ 20.0913, 13.3650,
3.3971

■ 71.4894, 87.8541,
107.7974

■ 19.1355, 11.8098,
1.9804

■ 18.4671, 10.6588,
1.1846

Harmonies

Analogous

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



37.7026, 38.2381, 40.9037



37.3877, 38.2381, 39.1284



36.7946, 38.2381, 38.0472

Triad

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



37.3877, 38.2381, 39.1284



35.0689, 38.2381, 40.3634



36.6016, 38.2381, 45.5973

Complementary

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



37.3877, 38.2381, 39.1284



37.1883, 40.1766, 46.3528

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.



35.8975, 38.2381, 45.4411



37.3877, 38.2381, 39.1284



35.0187, 38.2381, 42.3746

Square

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



37.3877, 38.2381, 39.1284



35.4581, 38.2381, 38.7440



35.3202, 38.2381, 44.2460



37.2448, 38.2381, 44.6660

Rectangle

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



37.3877, 38.2381, 39.1284



36.3243, 38.2381, 37.8437



35.3202, 38.2381, 44.2460



36.3641, 38.2381, 45.6710

Sweetspot

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



37.3888, 38.2398, 39.1292



71.3933, 74.5999, 80.0328



37.8902, 37.5905, 44.3897



15.8867, 16.6064, 17.8304



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.



37.3888, 38.2398, 39.1292



65.4232, 66.3561, 66.6471



38.6379, 40.7380, 39.5456



8.1393, 8.2835, 8.3833



13.1845, 7.5746, 0.7671



0.4056, 0.2884, 0.0343

Inverse Universe

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



37.1883, 40.1766, 46.3528



64.9730, 70.7027, 82.8594



35.9276, 37.6553, 45.9325



8.0883, 8.7761, 10.2203



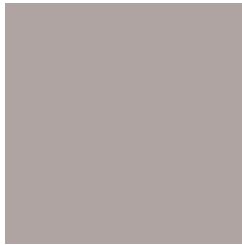
12.0407, 15.2153, 31.3467



0.3709, 0.4952, 0.8840

Previews

White Background



This preview shows how the XYZ color 37.3877, 38.2381, 39.1284 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 37.3877, 38.2381, 39.1284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

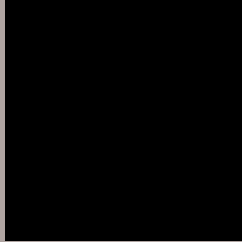
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.3877, 38.2381, 39.1284

Background



This preview shows how black text looks on a background with the XYZ color 37.3877, 38.2381, 39.1284.



This preview shows how white text looks on a background with the XYZ color 37.3877, 38.2381,

39.1284.

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

37.3877, 38.2381, 39.1284

Protanopia

36.7354, 38.4271, 39.6634

Deuteranopia

39.0336, 38.2887, 39.5156



Tritanopia

38.7897, 38.2829, 45.9023

Trichromacy



Original Color

37.3877, 38.2381, 39.1284

Protanomaly

36.9900, 38.2896, 39.6235

Deuteranomaly

38.4980, 38.2731, 39.5408

Tritanomaly

38.2574, 38.3268, 43.4116

Monochromacy



Original Color

37.3877, 38.2381, 39.1284

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.0053, 38.5351, 41.0849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3877, 38.2381, 39.1284 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(175, 164, 161) looks like.

```
.text, #text, p{  
    color:rgb(175, 164, 161)  
}
```

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(175, 164, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 164, 161) }
```

Border

The CSS property to change the border of an element to XYZ 37.3877, 38.2381, 39.1284 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(175, 164, 161) }
```


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

```
.border{ border-color:rgb(175, 164, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 164, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 164, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 164, 161);  
box-shadow:4px 4px 4px 4px rgb(175, 164,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3877, 38.2381, 39.1284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 164, 161) }
```

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

```
.background{ background-color: rgb(175,  
164, 161) }
```

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