

Converting Colors

XYZ(39.0353, 38.2337, 18.6871)

Have a look what the booklet for
XYZ(39.0353, 38.2337, 18.6871)
contains.

XYZ(39.0353, 38.2337, 18.6871)	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(39.0353, 38.2337,
18.6871)**

Conversions

Conversions Part 1

Format	Color
Hex	C99F69
RGB	201, 159, 105
RGB Percent	79%, 62%, 41%
CMY	0.2118, 0.3764, 0.5882
CMYK	0.00, 0.21, 0.48, 0.21
HSL	34°, 47%, 60%
HSV	34°, 48%, 79%
XYZ	39.0353, 38.2337, 18.6871
YIQ	165.4020, 42.3660, -7.8900

Conversions

Conversions Part 2

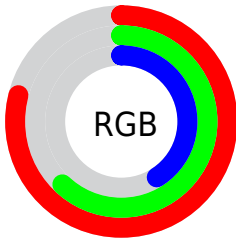
Format	Color
RYB	180, 201, 105
Decimal	13213545
CIELab	68.19, 8.76, 34.01
CIELCh	68, 35.124, 75.560
Yxy	38.2337, 0.4068, 0.3984
Android (android.graphics.Color)	4291403625 (0xFFC99F69)
YUV	165.4020, -29.7782, 31.2194
Hunter-Lab	61.8334, 4.4782, 25.3649

Details

The XYZ color **39.0353, 38.2337, 18.6871** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **26.8016, 28.0866, 59.2667**, and the grayscale version is **36.0825, 37.9616, 41.3402**.

A 20% lighter version of the original color is **71.3724, 71.7875, 41.9929**, and **17.7534, 17.0304, 6.0929** is the 20% darker color. If you saturate the color by 10%, you get **36.6634, 34.9524, 13.3880**, and if you desaturate by 10%, it is **41.7608, 41.8315, 25.3094**.

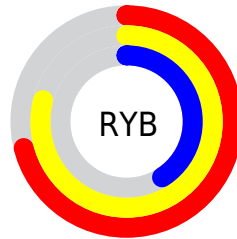
Distribution



Red (79%)

Green (62%)

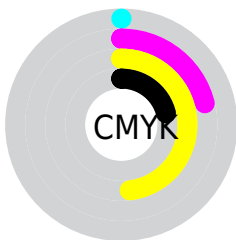
Blue (41%)



Red (71%)

Yellow (79%)

Blue (41%)

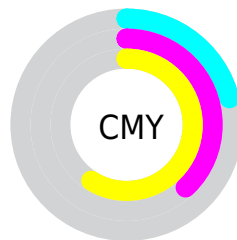


Cyan (0%)

Magenta (21%)

Yellow (48%)

Black (21%)



Cyan (21%)


Magenta (38%)


Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0353, 38.2337, 18.6871 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 39.0353, 38.2337, 18.6871 by changing the saturation by 10% instead.


 39.0353, 38.2337,
18.6871


 39.0353, 38.2337,
18.6871


333.2451,
338.6214, 257.0808


 26.9680, 26.1641,
11.2699


 72.9860, 72.4662,
42.0343


 17.6857, 16.9465,
6.1322


 95.6001, 95.3979,
58.8014

 10.8229, 10.1963,
2.8556


 122.4605,
122.7191, 79.5222

 6.0143, 5.5293,
1.0214

 153.9327,
154.8142, 104.6153

 2.8945, 2.5611,
0.0000

190.3818,
192.0676, 134.4991

 1.0982, 0.9071,
0.0000

232.1734,

 0.0236, 0.0000,

234.8637, 169.5923

0.0000

279.6727,
283.5868, 210.3133

■ 0.0000, 0.0000,
0.0000

■ 39.0353, 38.2337,
18.6871

■ 39.0353, 38.2337,
18.6871

■ 36.6634, 34.9524,
13.3880

■ 41.7608, 41.8315,
25.3094

■ 34.6226, 31.9706,
9.3171

■ 44.8551, 45.7509,
33.3364

■ 32.8918, 29.2778,
6.3702


■ 48.3356, 50.0037,
42.8456

■ 31.4454, 26.8598,
4.4245


■ 52.2178, 54.5993,
53.9081


■ 30.2474, 24.6983,
3.3023


■ 56.5160, 59.5467,
66.5905

 30.0005, 24.2438,
3.0983

 61.2441, 64.8545,
80.9555

 66.4150, 70.5309,
97.0622

 70.2528, 75.8684,
105.5491

 72.7526, 80.8680,
106.3824

Harmonies

Analogous

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



44.2399, 38.2337, 23.5668



39.0353, 38.2337, 18.6871



33.5824, 38.2337, 18.7768

Triad

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



39.0353, 38.2337, 18.6871



27.0933, 38.2337, 50.2736



44.4063, 38.2337, 66.5756

Complementary

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



39.0353, 38.2337, 18.6871



26.8016, 28.0866, 59.2667

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.



39.2445, 38.2337, 78.0551



39.0353, 38.2337, 18.6871



29.4414, 38.2337, 67.1482

Square

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



39.0353, 38.2337, 18.6871



27.0494, 38.2337, 34.5397



33.7717, 38.2337, 78.2877



47.5461, 38.2337, 49.6297

Rectangle

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



39.0353, 38.2337, 18.6871



30.5425, 38.2337, 21.5679



33.7717, 38.2337, 78.2877



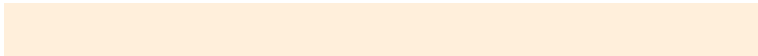
42.8282, 38.2337, 71.3704

Sweetspot

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



39.0362, 38.2355, 18.6879



85.0445, 88.3478, 79.7956



34.5003, 24.6655, 31.0429



17.9001, 18.5487, 16.2248



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.0362, 38.2355, 18.6879



62.7572, 59.8218, 22.8912



46.2534, 54.5556, 21.4576



11.1205, 11.6102, 11.2176



18.9558, 15.4288, 1.9790



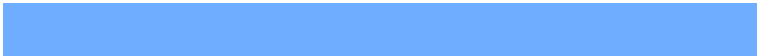
0.9688, 0.8729, 0.1174

Inverse Universe

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



26.8016, 28.0866, 59.2667



39.4253, 40.4893, 100.3450



22.0001, 17.6228, 57.5001



10.4320, 11.0381, 13.4982



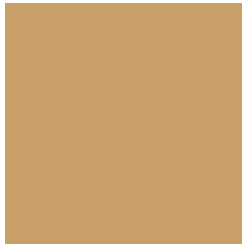
8.9070, 7.2080, 35.6662



0.4935, 0.4849, 1.7127

Previews

White Background



This preview shows how the XYZ color 39.0353, 38.2337, 18.6871 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 39.0353, 38.2337, 18.6871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

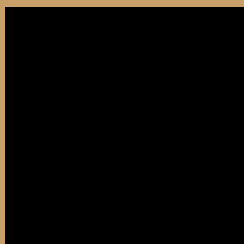
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.0353, 38.2337, 18.6871

Background



This preview shows how black text looks on a background with the XYZ color 39.0353, 38.2337, 18.6871.



This preview shows how white text looks on a background with the XYZ color 39.0353, 38.2337,

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

39.0353, 38.2337, 18.6871

Protanopia

35.3990, 38.1789, 19.6909

Deuteranopia

39.0353, 38.2337, 18.6871



Tritanopia

43.2927, 38.2226, 39.7463

Trichromacy



Original Color

39.0353, 38.2337, 18.6871

Protanomaly

36.4901, 37.9473, 19.3112

Deuteranomaly

39.0353, 38.2337, 18.6871

Tritanomaly

41.5057, 38.2331, 30.7833

Monochromacy



Original Color

39.0353, 38.2337, 18.6871

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.4152, 37.6425, 31.3330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0353, 38.2337, 18.6871 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(201, 159, 105)` looks like.

```
.text, #text, p{  
    color:rgb(201, 159, 105)  
}
```

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(201, 159, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 159, 105) }
```

Border

The CSS property to change the border of an element to XYZ 39.0353, 38.2337, 18.6871 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(201, 159, 105) }
```


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

```
.border{ border-color:rgb(201, 159, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 159, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 159, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 159, 105);  
box-shadow:4px 4px 4px 4px rgb(201, 159,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0353, 38.2337, 18.6871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 159, 105) }
```

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

```
.background{ background-color: rgb(201,  
159, 105) }
```

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