

Converting Colors

XYZ(37.3145, 38.2886, 11.2181)

Have a look what the booklet for
XYZ(37.3145, 38.2886, 11.2181)
contains.

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Color

**XYZ(37.3145, 38.2886,
11.2181)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A246
RGB	198, 162, 70
RGB Percent	78%, 64%, 27%
CMY	0.2235, 0.3647, 0.7255
CMYK	0.00, 0.18, 0.65, 0.22
HSL	43°, 53%, 53%
HSV	43°, 65%, 78%
XYZ	37.3145, 38.2886, 11.2181
YIQ	162.2760, 50.9880, -20.9800

Conversions

Conversions Part 2

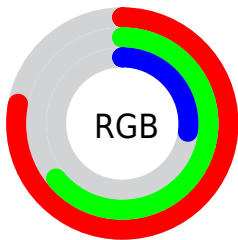
Format	Color
RYB	120, 198, 70
Decimal	13017670
CIELab	68.23, 3.04, 51.47
CIELCh	68, 51.559, 86.618
Yxy	38.2886, 0.4298, 0.4410
Android (android.graphics.Color)	4291207750 (0xFFC6A246)
YUV	162.2760, -45.4921, 31.3299
Hunter-Lab	61.8778, -0.6443, 32.5655

Details


The XYZ color **37.3145, 38.2886, 11.2181** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **17.8727, 15.6868, 55.5116**, and the grayscale version is **34.6630, 36.4682, 39.7138**.

A 20% lighter version of the original color is **69.5657, 72.2908, 28.6994**, and **16.7552, 17.0661, 2.8629** is the 20% darker color. If you saturate the color by 10%, you get **35.8307, 36.1617, 8.1320**, and if you desaturate by 10%, it is **39.0496, 40.5885, 15.4051**.

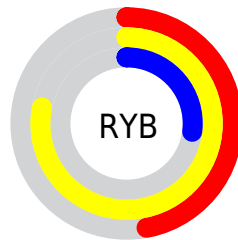
Distribution



 Red (78%)

 Green (64%)

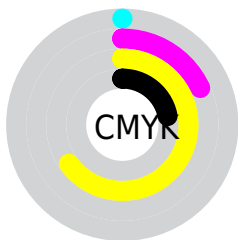
 Blue (27%)




 Red (47%)

 Yellow (78%)

 Blue (27%)

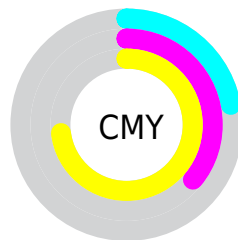



 Cyan (0%)


 Magenta (18%)

 Yellow (65%)

 Black (22%)



 Cyan (22%)


 Magenta (36%)


 Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.3145, 38.2886, 11.2181 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 37.3145, 38.2886, 11.2181 by changing the saturation by 10% instead.


 37.3145, 38.2886,
11.2181


 37.3145, 38.2886,
11.2181


326.0021,
338.8564, 209.9487


 25.6259, 26.2068,
6.0977


 70.3669, 72.5503,
28.7056

 16.6752, 16.9784,
2.8348


 92.4614, 95.4989,
41.9097


 10.0970, 10.2191,
1.0109

 118.7553,
122.8385, 58.6455

 5.5261, 5.5445,
0.0000

 149.6138,
154.9537, 79.3316

 2.5970, 2.5701,
0.0000

 185.4024,
192.2286, 104.3864

 0.9444, 0.9117,
0.0000

226.4864,

 0.0000, 0.0000,

235.0478, 134.2285

0.0000

273.2312,
283.7956, 169.2764

■ 37.3145, 38.2886,
11.2181

■ 37.3145, 38.2886,
11.2181

■ 35.8307, 36.1617,
8.1320

■ 39.0496, 40.5885,
15.4051

■ 34.5737, 34.1927,
6.0331

■ 41.0521, 43.0642,
20.7872

■ 33.5182, 32.3720,
4.7865

■ 43.3397, 45.7251,
27.4510

■ 33.0092, 31.4470,
4.3301

■ 45.9277, 48.5783,
35.4745

■ 48.8301, 51.6302,
44.9293

■ 52.0602, 54.8868,
55.8820

■ 55.6302, 58.3539,
68.3952

■ 59.5518, 62.0369,
82.5275

■ 63.8360, 65.9410,
98.3349

Harmonies

Analogous

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



45.6066, 38.2886, 14.5184



37.3145, 38.2886, 11.2181



29.8784, 38.2886, 13.2600

Triad

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



37.3145, 38.2886, 11.2181



24.2167, 38.2886, 64.9157



50.9340, 38.2886, 71.2037

Complementary

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



37.3145, 38.2886, 11.2181



17.8727, 15.6868, 55.5116

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.



43.7898, 38.2886, 95.3179



37.3145, 38.2886, 11.2181



28.5108, 38.2886, 90.8436

Square

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



37.3145, 38.2886, 11.2181



23.0056, 38.2886, 39.1248



35.4852, 38.2886, 103.5788



54.1667, 38.2886, 44.3645

Rectangle

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



37.3145, 38.2886, 11.2181



26.2471, 38.2886, 18.0242



35.4852, 38.2886, 103.5788



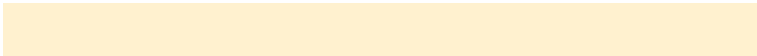
48.8632, 38.2886, 80.2291

Sweetspot

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



37.3154, 38.2904, 11.2189



84.0140, 88.8760, 71.4702



28.0944, 17.4325, 15.5931



17.6670, 18.6897, 14.2750



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.



37.3154, 38.2904, 11.2189



62.3951, 62.4242, 12.5147



37.9348, 49.4060, 13.3317



11.2621, 11.8933, 11.2648



21.5423, 20.6017, 2.8411



1.0791, 1.0935, 0.1542

Inverse Universe

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



17.8727, 15.6868, 55.5116



25.4843, 19.6592, 97.0592



17.3918, 11.0398, 54.6400



10.2955, 10.7651, 13.4527



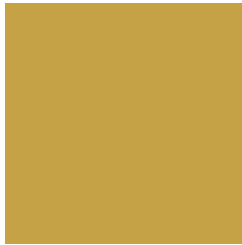
7.6016, 4.5972, 35.2311



0.4228, 0.3435, 1.6892

Previews

White Background



This preview shows how the XYZ color 37.3145, 38.2886, 11.2181 looks on a white background.

Color Contrast Check

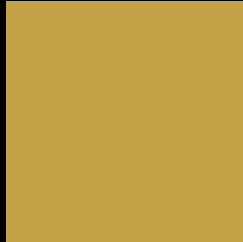
Large Text (above 18pt) WCAG AA × Fail

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 37.3145, 38.2886, 11.2181 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 37.3145, 38.2886, 11.2181

Background



This preview shows how black text looks on a background with the XYZ color 37.3145, 38.2886, 11.2181.



This preview shows how white text looks on a background with the XYZ color 37.3145, 38.2886,

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

37.3145, 38.2886, 11.2181

Protanopia

34.9636, 38.4067, 11.5317

Deuteranopia

39.0963, 38.1740, 11.2690



Tritanopia

43.1059, 38.1159, 40.2071

Trichromacy



Original Color

37.3145, 38.2886, 11.2181

Protanomaly

35.8277, 38.3123, 11.4679

Deuteranomaly

38.4373, 38.0886, 11.2872

Tritanomaly

40.2749, 37.9452, 26.3205

Monochromacy



Original Color

37.3145, 38.2886, 11.2181

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.5620, 36.5396, 26.0001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3145, 38.2886, 11.2181 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(198, 162, 70)` looks like.

```
.text, #text, p{  
    color:rgb(198, 162, 70)  
}
```

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(198, 162, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 162, 70) }
```

Border

The CSS property to change the border of an element to XYZ 37.3145, 38.2886, 11.2181 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(198, 162, 70) }
```


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

```
.border{ border-color:rgb(198, 162, 70) }
```

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

Here you see how a box with a 4 pixel rgb(198, 162, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 162, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 162, 70);  
box-shadow:4px 4px 4px 4px rgb(198, 162,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3145, 38.2886, 11.2181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 162, 70) }
```

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

```
.background{ background-color: rgb(198,  
162, 70) }
```

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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