

Converting Colors

XYZ(34.2952, 27.8367, 6.3133)

Have a look what the booklet for
XYZ(34.2952, 27.8367, 6.3133)
contains.

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Color

**XYZ(34.2348, 27.7370,
6.3457)**

Conversions

Conversions Part 1

Format	Color
Hex	D37930
RGB	211, 121, 48
RGB Percent	83%, 47%, 19%
CMY	0.1726, 0.5255, 0.8118
CMYK	0.00, 0.43, 0.77, 0.17
HSL	27°, 65%, 51%
HSV	27°, 77%, 83%
XYZ	34.2348, 27.7370, 6.3457
YIQ	139.5880, 77.0730, -3.6230

Conversions

Conversions Part 2

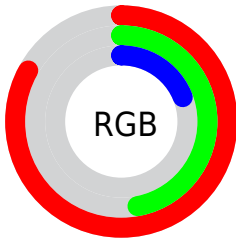
Format	Color
R _Y B	211, 180, 48
Decimal	13859120
CIE Lab	59.65, 29.67, 52.89
CIE LCh	60, 60.645, 60.707
Yxy	27.7370, 0.5011, 0.4060
Android (android.graphics.Color)	4292049200 (0xFFD37930)
YUV	139.5880, -45.1529, 62.6283
Hunter-Lab	52.6659, 23.8662, 29.7223

Details

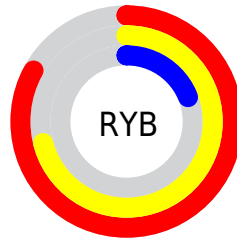
The XYZ color **34.2348, 27.7370, 6.3457** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **22.0646, 23.5071, 65.0019**, and the grayscale version is **24.9167, 26.2143, 28.5474**.

A 20% lighter version of the original color is **58.6282, 52.4330, 18.8349**, and **15.0157, 11.0858, 1.3484** is the 20% darker color. If you saturate the color by 10%, you get **32.5672, 24.9410, 4.1286**, and if you desaturate by 10%, it is **36.2816, 30.9607, 9.7106**.

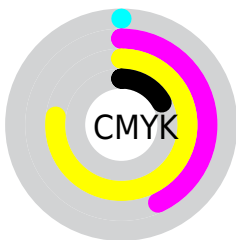
Distribution



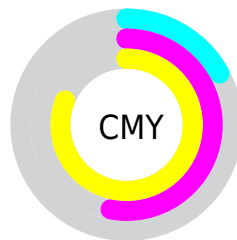
- Red (83%)
- Green (47%)
- Blue (19%)



- Red (83%)
- Yellow (71%)
- Blue (19%)



- Cyan (0%)
- Magenta (43%)
- Yellow (77%)
- Black (17%)





- Cyan (17%)
- Magenta (53%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2348, 27.7370, 6.3457 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 34.2348, 27.7370, 6.3457 by changing the saturation by 10% instead.


 34.2348, 27.7370,
6.3457


 34.2348, 27.7370,
6.3457


312.7453,
291.2081, 171.5297


 23.2378, 18.1275,
2.9842


 65.6405, 56.0643,
19.1342


 14.8908, 11.0416,
1.0866


 86.7799, 75.5508,
29.3984


 8.8286, 6.0948,
0.0000


 112.0308, 99.0985,
42.8005

 4.6858, 2.9028,
0.0000

 141.7586,
127.0918, 59.7592

 2.0970, 1.0812,
0.0000

 176.3285,
159.9150, 80.6929

 0.6876, 0.0000,
0.0000

 216.1061,

 0.0000, 0.0000,

197.9525, 106.0202

0.0000

261.4565,
241.5887, 136.1596

■ 34.2348, 27.7370,
6.3457

■ 34.2348, 27.7370,
6.3457

■ 32.5672, 24.9410,
4.1286

■ 36.2816, 30.9607,
9.7106

■ 31.2359, 22.5422,
2.8714

■ 38.7374, 34.6296,
14.3605

■ 30.9114, 21.9440,
2.6064

■ 41.6306, 38.7650,
20.4145

■ 44.9859, 43.3852,
27.9774

■ 48.8261, 48.5074,
37.1442

■ 53.1723, 54.1479,
48.0018

■ 58.0442, 60.3219,
60.6307

■ 63.4602, 67.0440,
75.1065

■ 69.4381, 74.3285,
91.5001

Harmonies

Analogous

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



41.1401, 27.7370, 13.3926



34.2348, 27.7370, 6.3457



26.1821, 27.7370, 4.6268

Triad

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



34.2348, 27.7370, 6.3457



14.2208, 27.7370, 30.7236



34.6103, 27.7370, 82.8289

Complementary

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



34.2348, 27.7370, 6.3457



22.0646, 23.5071, 65.0019

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.



26.5451, 27.7370, 94.9421



34.2348, 27.7370, 6.3457



15.6309, 27.7370, 57.2239

Square

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



34.2348, 27.7370, 6.3457



15.5032, 27.7370, 13.9229



19.8013, 27.7370, 83.8514



41.3847, 27.7370, 55.8566

Rectangle

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



34.2348, 27.7370, 6.3457



21.4967, 27.7370, 5.4495



19.8013, 27.7370, 83.8514



31.9137, 27.7370, 89.2278

Sweetspot

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



34.2354, 27.7385, 6.3462



77.5296, 77.8332, 63.3707



32.6815, 17.8672, 26.6793



16.0905, 16.0005, 12.3198



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.



34.2354, 27.7385, 6.3462



48.5639, 35.7351, 4.9038



48.0823, 55.4323, 10.9618



12.2384, 12.6675, 12.4121



18.7543, 13.4416, 1.6060



1.1273, 0.9089, 0.1160

Inverse Universe

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



22.0646, 23.5071, 65.0019



29.0099, 28.7737, 98.6326



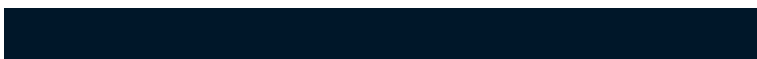
14.5340, 8.4460, 62.4917



11.6970, 12.4843, 15.0369



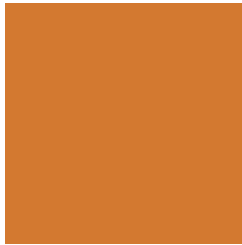
11.0033, 10.6531, 38.6688



0.6938, 0.7528, 2.1883

Previews

White Background



This preview shows how the XYZ color 34.2348, 27.7370, 6.3457 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 34.2348, 27.7370, 6.3457 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 × Fail

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

XYZ 34.2348, 27.7370, 6.3457

Background



This preview shows how black text looks on a background with the XYZ color 34.2348, 27.7370, 6.3457.



This preview shows how white text looks on a background with the XYZ color 34.2348, 27.7370,

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

34.2348, 27.7370, 6.3457

Protanopia

25.3371, 27.7899, 7.5186

Deuteranopia

28.4378, 27.8895, 6.1699



Tritanopia

37.4423, 27.6625, 21.7783

Trichromacy



Original Color

34.2348, 27.7370, 6.3457

Protanomaly

28.0144, 27.4400, 7.0687

Deuteranomaly

30.3282, 27.6285, 6.2170

Tritanomaly

36.0425, 27.6131, 14.2567

Monochromacy



Original Color

34.2348, 27.7370, 6.3457

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.7673, 25.9436, 17.5067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2348, 27.7370, 6.3457 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(211, 121, 48)` looks like.

```
.text, #text, p{  
    color:rgb(211, 121, 48)  
}
```

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(211, 121, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 121, 48) }
```

Border

The CSS property to change the border of an element to XYZ 34.2348, 27.7370, 6.3457 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(211, 121, 48) }
```


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

```
.border{ border-color:rgb(211, 121, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 121, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 121, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 121, 48);  
box-shadow:4px 4px 4px 4px rgb(211, 121,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2348, 27.7370, 6.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 121, 48) }
```

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

```
.background{ background-color: rgb(211,  
121, 48) }
```

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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