

Converting Colors

XYZ(36.0277, 37.1306, 5.2680)

Have a look what the booklet for
XYZ(36.0277, 37.1306, 5.2680)
contains.

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Color

**XYZ(36.1240, 37.2837,
5.2925)**

Conversions

Conversions Part 1

Format	Color
Hex	C7A000
RGB	199, 160, 0
RGB Percent	78%, 63%, 0%
CMY	0.2196, 0.3725, 0.9999
CMYK	0.00, 0.20, 1.00, 0.22
HSL	48°, 100%, 39%
HSV	48°, 100%, 78%
XYZ	36.1240, 37.2837, 5.2925
YIQ	153.4210, 74.6040, -41.4920

Conversions

Conversions Part 2

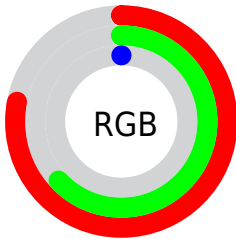
Format	Color
RYB	49, 199, 0
Decimal	13082624
CIELab	67.49, 2.31, 70.96
CIELCh	67, 70.995, 88.135
Yxy	37.2837, 0.4590, 0.4737
Android (android.graphics.Color)	4291272704 (0xFFC7A000)
YUV	153.4210, -75.6366, 39.9728
Hunter-Lab	61.0604, -1.2531, 37.6032

Details

The XYZ color **36.1240, 37.2837, 5.2925** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **11.0347, 5.5751, 54.5270**, and the grayscale version is **30.7606, 32.3626, 35.2428**.

A 20% lighter version of the original color is **66.5911, 69.8749, 16.8150**, and **16.2839, 16.5127, 2.3290** is the 20% darker color. If you saturate the color by 10%, you get **36.1243, 37.2846, 5.2927**, and if you desaturate by 10%, it is **36.9370, 38.7092, 6.1826**.

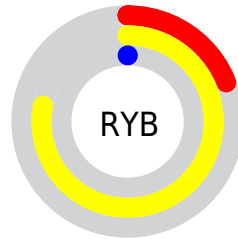
Distribution



Red (78%)

Green (63%)

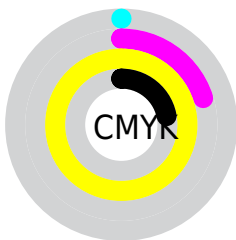
Blue (0%)



Red (19%)

Yellow (78%)

Blue (0%)

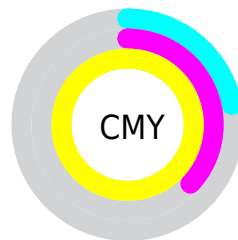


Cyan (0%)

Magenta (20%)

Yellow (100%)

Black (22%)



Cyan (22%)

Magenta (37%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1240, 37.2837, 5.2925 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 36.1240, 37.2837, 5.2925 by changing the saturation by 10% instead.

36.1240, 37.2837,
5.2925

36.1240, 37.2837,
5.2925

320.9240,
334.5372, 161.6600

24.7005, 25.4272,
2.3582

68.5460, 71.0089,
16.8953

15.9816, 16.3956,
0.7635

90.2753, 93.6464,
26.4008

9.6019, 9.8045,
0.0000

116.1706,
120.6464, 38.9338

5.1961, 5.2696,
0.0000

146.5972,
152.3932, 54.9129

2.3987, 2.4063,
0.0000

181.9204,
189.2714, 74.7565

0.8445, 0.8291,
0.0000

222.5058,

0.0000, 0.0000,

231.6651, 98.8832

0.0000

268.7185,
279.9589, 127.7115

36.1240, 37.2837,
5.2925

36.1240, 37.2837,
5.2925

36.1243, 37.2846,
5.2927

36.9370, 38.7092,
6.1826

37.8995, 40.2272,
7.7580

39.0574, 41.8579,
10.2561

40.4345, 43.6111,
13.8013

42.0510, 45.4952,
18.4985

■ 43.9245, 47.5175,
24.4398

■ 46.0708, 49.6846,
31.7080

■ 48.5046, 52.0027,
40.3789

■ 51.2392, 54.4774,
50.5222

Harmonies

Analogous

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



47.7023, 37.2837, 7.9670



36.1240, 37.2837, 5.2925



26.4387, 37.2837, 7.3249

Triad

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



36.1240, 37.2837, 5.2925



19.9731, 37.2837, 76.0173



56.4004, 37.2837, 81.2781

Complementary

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



36.1240, 37.2837, 5.2925



11.0347, 5.5751, 54.5270

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.



46.2754, 37.2837, 119.9402



36.1240, 37.2837, 5.2925



25.4781, 37.2837, 115.9601

Square

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



36.1240, 37.2837, 5.2925



18.3366, 37.2837, 38.6720



34.7588, 37.2837, 135.0843



60.8038, 37.2837, 42.5820

Rectangle

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



36.1240, 37.2837, 5.2925



22.0003, 37.2837, 12.2561



34.7588, 37.2837, 135.0843



53.4632, 37.2837, 95.3239

Sweetspot

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



36.1248, 37.2855, 5.2932



80.4889, 86.8198, 54.8989



23.9330, 12.2942, 3.1022



16.8730, 18.2298, 10.5325



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.



36.1248, 37.2855, 5.2932



63.0783, 64.9367, 9.2094



31.1216, 46.3617, 7.3088



11.3405, 12.0501, 11.2910



23.2910, 24.0991, 3.4240



1.1493, 1.2340, 0.1776

Inverse Universe

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



11.0347, 5.5751, 54.5270



19.1894, 9.4987, 95.4298



12.1548, 5.0754, 54.3715



10.2222, 10.6184, 13.4283



7.1448, 3.6835, 35.0788



0.3898, 0.2774, 1.6781

Previews

White Background



This preview shows how the XYZ color 36.1240, 37.2837, 5.2925 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 36.1240, 37.2837, 5.2925 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 36.1240, 37.2837, 5.2925

Background



This preview shows how black text looks on a background with the XYZ color 36.1240, 37.2837, 5.2925.



This preview shows how white text looks on a background with the XYZ color 36.1240, 37.2837,

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

36.1240, 37.2837, 5.2925

Protanopia

33.7541, 37.3691, 5.6924

Deuteranopia

37.9802, 37.2185, 5.5976



Tritanopia

42.8247, 37.2984, 38.1999

Trichromacy



Original Color

36.1240, 37.2837, 5.2925

Protanomaly

34.6159, 37.2839, 5.5444

Deuteranomaly

37.2831, 37.1128, 5.4569

Tritanomaly

38.6913, 36.5791, 17.5916

Monochromacy



Original Color

36.1240, 37.2837, 5.2925

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.6237, 33.1860, 16.1008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1240, 37.2837, 5.2925 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(199, 160, 0)` looks like.

```
.text, #text, p{  
    color:rgb(199, 160, 0)  
}
```

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(199, 160, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 160, 0) }
```

Border

The CSS property to change the border of an element to XYZ 36.1240, 37.2837, 5.2925 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(199, 160, 0) }
```


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

```
.border{ border-color:rgb(199, 160, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 160, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 160, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 160, 0);  
box-shadow:4px 4px 4px 4px rgb(199, 160,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1240, 37.2837, 5.2925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 160, 0) }
```

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

```
.background{ background-color: rgb(199,  
160, 0) }
```

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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