

Converting Colors

XYZ(41.3813, 36.7369, 5.5906)

Have a look what the booklet for
XYZ(41.3813, 36.7369, 5.5906)
contains.

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Color

**XYZ(41.3005, 36.7652,
5.5815)**

Conversions

Conversions Part 1

Format	Color
Hex	E09314
RGB	224, 147, 20
RGB Percent	88%, 58%, 8%
CMY	0.1216, 0.4235, 0.9215
CMYK	0.00, 0.34, 0.91, 0.12
HSL	37°, 84%, 48%
HSV	37°, 91%, 88%
XYZ	41.3005, 36.7652, 5.5815
YIQ	155.5450, 86.6590, -23.1730

Conversions

Conversions Part 2

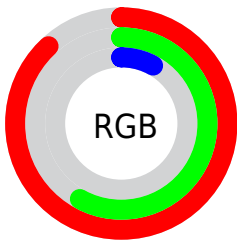
Format	Color
RYB	144, 224, 20
Decimal	14717716
CIELab	67.10, 20.52, 68.98
CIELCh	67, 71.969, 73.434
Yxy	36.7652, 0.4937, 0.4395
Android (android.graphics.Color)	4292907796 (0xFFE09314)
YUV	155.5450, -66.8237, 60.0350
Hunter-Lab	60.6343, 15.4736, 36.9863

Details

The XYZ color **41.3005, 36.7652, 5.5815** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **18.0180, 14.0804, 72.2887**, and the grayscale version is **31.6595, 33.3083, 36.2727**.

A 20% lighter version of the original color is **63.6496, 63.6425, 16.9122**, and **19.2871, 16.1523, 2.1012** is the 20% darker color. If you saturate the color by 10%, you get **40.0388, 34.4442, 4.5381**, and if you desaturate by 10%, it is **42.9637, 39.6136, 7.6108**.

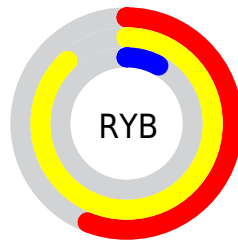
Distribution



Red (88%)

Green (58%)

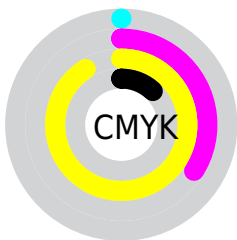
Blue (8%)



Red (56%)

Yellow (88%)

Blue (8%)

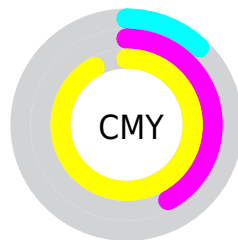


Cyan (0%)

Magenta (34%)

Yellow (91%)

Black (12%)



Cyan (12%)


Magenta (42%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3005, 36.7652, 5.5815 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 41.3005, 36.7652, 5.5815 by changing the saturation by 10% instead.


 41.3005, 36.7652,
5.5815


 41.3005, 36.7652,
5.5815

342.6162,
332.2928, 164.4500

 28.7427, 25.0257,
2.5277


 76.4117, 70.2115,
17.5183

 19.0295, 16.0962,
0.8548


 99.6957, 92.6872,
27.2384

 11.7958, 9.5923,
0.0000


 127.2859,
119.5103, 40.0176

 6.6760, 5.1295,
0.0000

 159.5476,
151.0654, 56.2745

 3.3048, 2.3234,
0.0000

 196.8461,
187.7368, 76.4276

 1.3169, 0.7861,
0.0000

 239.5468,

 0.1958, 0.0000,

229.9089, 100.8956

0.0000

288.0150,
277.9661, 130.0969

■ 0.0000, 0.0000,
0.0000

■ 41.3005, 36.7652,
5.5815

■ 41.3005, 36.7652,
5.5815

■ 40.0388, 34.4442,
4.5381

■ 42.9637, 39.6136,
7.6108

■ 44.9492, 42.7472,
10.8540

■ 47.2921, 46.1847,
15.4836

■ 50.0217, 49.9408,
21.6435

■ 53.1634, 54.0287,
29.4595

■ 56.7403, 58.4603,
39.0440

■ 60.7736, 63.2470,
50.4998

■ 65.2828, 68.3994,
63.9215

■ 70.2863, 73.9274,
79.3973

Harmonies

Analogous

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



52.5800, 36.7652, 11.2315



41.3005, 36.7652, 5.5815



30.2756, 36.7652, 5.3551

Triad

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



41.3005, 36.7652, 5.5815



18.2001, 36.7652, 55.7445



51.5181, 36.7652, 101.7576

Complementary

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



41.3005, 36.7652, 5.5815



18.0180, 14.0804, 72.2887

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.



40.0696, 36.7652, 132.0382



41.3005, 36.7652, 5.5815



21.7718, 36.7652, 97.4759

Square

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



41.3005, 36.7652, 5.5815



18.3937, 36.7652, 25.1770



29.2760, 36.7652, 130.1560



59.2708, 36.7652, 59.8118

Rectangle

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



41.3005, 36.7652, 5.5815



24.5763, 36.7652, 7.8434



29.2760, 36.7652, 130.1560



47.8817, 36.7652, 114.4238

Sweetspot

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



41.3013, 36.7671, 5.5822



78.1419, 80.8577, 58.0266



33.2049, 17.2336, 13.1825



16.3404, 16.8443, 11.3427



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.



41.3013, 36.7671, 5.5822



53.5959, 45.9717, 6.0486



50.6549, 65.6685, 10.6677



14.4144, 15.1149, 14.4645



23.4196, 20.2772, 2.6795



1.7087, 1.5762, 0.2142

Inverse Universe

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



18.0180, 14.0804, 72.2887



22.2554, 15.6307, 96.4518



14.7353, 6.4136, 70.9819



13.3739, 14.0868, 17.4018



9.8038, 7.0771, 41.8977



0.7638, 0.6591, 2.9322

Previews

White Background



This preview shows how the XYZ color 41.3005, 36.7652, 5.5815 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 41.3005, 36.7652, 5.5815 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 41.3005, 36.7652, 5.5815

Background



This preview shows how black text looks on a background with the XYZ color 41.3005, 36.7652, 5.5815.



This preview shows how white text looks on a background with the XYZ color 41.3005, 36.7652,

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

41.3005, 36.7652, 5.5815

Protanopia

33.2181, 36.8115, 6.2742

Deuteranopia

37.4918, 36.7234, 5.3133



Tritanopia

46.8452, 36.8209, 32.2419

Trichromacy



Original Color

41.3005, 36.7652, 5.5815

Protanomaly

35.9347, 36.6577, 5.9923

Deuteranomaly

38.7352, 36.6292, 5.3764

Tritanomaly

43.8687, 36.4833, 17.0418

Monochromacy



Original Color

41.3005, 36.7652, 5.5815

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.1011, 33.6678, 18.6638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3005, 36.7652, 5.5815 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(224, 147, 20)` looks like.

```
.text, #text, p{  
    color:rgb(224, 147, 20)  
}
```

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(224, 147, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 147, 20) }
```

Border

The CSS property to change the border of an element to XYZ 41.3005, 36.7652, 5.5815 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(224, 147, 20) }
```


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

```
.border{ border-color:rgb(224, 147, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 147, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 147, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 147, 20);  
box-shadow:4px 4px 4px 4px rgb(224, 147,  
20) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3005, 36.7652, 5.5815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 147, 20) }
```

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

```
.background{ background-color: rgb(224,  
147, 20) }
```

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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