

Converting Colors

XYZ(43.2350, 37.3016, 5.7318)

Have a look what the booklet for
XYZ(43.2350, 37.3016, 5.7318)
contains.

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Color

**XYZ(43.2351, 37.3016,
5.7318)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E79117 |
| RGB | 231, 145, 23 |
| RGB Percent | 91%, 57%, 9% |
| CMY | 0.0941, 0.4313, 0.9098 |
| CMYK | 0.00, 0.37, 0.90, 0.09 |
| HSL | 35°, 82%, 50% |
| HSV | 35°, 90%, 91% |
| XYZ | 43.2351, 37.3016, 5.7318 |
| YIQ | 156.8060, 90.4180, -19.7100 |

Conversions

Conversions Part 2

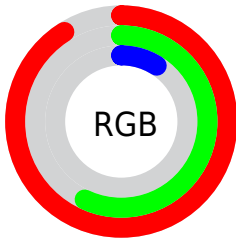
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 170, 231, 23 |
| Decimal | 15175959 |
| CIELab | 67.50, 24.61, 69.01 |
| CIELCh | 68, 73.271, 70.374 |
| Yxy | 37.3016, 0.5012, 0.4324 |
| Android (android.graphics.Color) | 4293366039 (0xFFE79117) |
| YUV | 156.8060, -65.9664, 65.0681 |
| Hunter-Lab | 61.0750, 19.4791, 37.1882 |

Details

The XYZ color **43.2351, 37.3016, 5.7318** 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 **20.2458, 16.8889, 77.7936**, and the grayscale version is **32.2206, 33.8986, 36.9155**.

A 20% lighter version of the original color is **63.2637, 62.7469, 17.1645**, and **20.3649, 16.4404, 2.1000** is the 20% darker color. If you saturate the color by 10%, you get **41.6880, 34.4552, 4.4533**, and if you desaturate by 10%, it is **45.0978, 40.4825, 8.0328**.

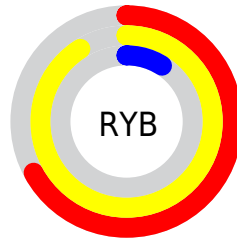
Distribution



Red (91%)

Green (57%)

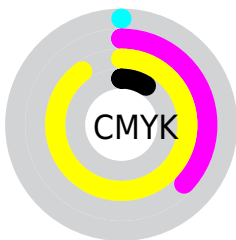
Blue (9%)



Red (67%)

Yellow (91%)

Blue (9%)

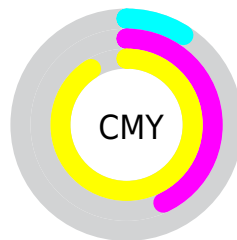


Cyan (0%)

Magenta (37%)

Yellow (90%)

Black (9%)



Cyan (9%)


Magenta (43%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2351, 37.3016, 5.7318 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 43.2351, 37.3016, 5.7318 by changing the saturation by 10% instead.


 43.2351, 37.3016,
5.7318


 43.2351, 37.3016,
5.7318


350.4829,
334.6144, 165.8752


 30.2649, 25.4411,
2.6166


 79.3190, 71.0364,
17.8396


 20.1888, 16.4060,
0.9010


 103.1635, 93.6795,
27.6692


 12.6415, 9.8119,
0.0000


 131.3634,
120.6856, 40.5740

 7.2574, 5.2744,
0.0000

 164.2842,
152.4390, 56.9726

 3.6714, 2.4092,
0.0000

 202.2912,
189.3242, 77.2835

 1.5179, 0.8306,
0.0000

 245.7497,

 0.3380, 0.0000,

231.7256, 101.9252

0.0000

295.0252,
280.0275, 131.3162

■ 0.0000, 0.0000,
0.0000

■ 43.2351, 37.3016,
5.7318

■ 43.2351, 37.3016,
5.7318

■ 41.6880, 34.4552,
4.4533

■ 45.0978, 40.4825,
8.0328

■ 47.3301, 44.0105,
11.6642

■ 49.9701, 47.9070,
16.8089

■ 53.0493, 52.1890,
23.6200

■ 56.5957, 56.8719,
32.2319

■ 60.6346, 61.9699,
42.7648

■ 65.1892, 67.4961,
55.3287

■ 70.2810, 73.4632,
70.0251

■ 75.9303, 79.8829,
86.9487

Harmonies

Analogous

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



54.6399, 37.3016, 12.2334



43.2351, 37.3016, 5.7318



31.6961, 37.3016, 5.0584

Triad

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



43.2351, 37.3016, 5.7318



18.1359, 37.3016, 52.8365



51.4108, 37.3016, 108.5401

Complementary

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



43.2351, 37.3016, 5.7318



20.2458, 16.8889, 77.7936

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.



39.4978, 37.3016, 137.2431



43.2351, 37.3016, 5.7318



21.3846, 37.3016, 95.4821

Square

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



43.2351, 37.3016, 5.7318



18.7202, 37.3016, 23.1447



28.6675, 37.3016, 131.4959



60.0090, 37.3016, 65.2060

Rectangle

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



43.2351, 37.3016, 5.7318



25.5939, 37.3016, 7.1681



28.6675, 37.3016, 131.4959



47.5681, 37.3016, 121.0422

Sweetspot

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



43.2359, 37.3035, 5.7325



77.4608, 79.4955, 57.7996



36.0579, 18.7205, 16.3709



16.1794, 16.5224, 11.2891



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.



43.2359, 37.3035, 5.7325



52.0783, 42.9365, 5.5428



56.3648, 71.4594, 11.6333



15.0760, 15.7658, 15.1530



23.4962, 19.5665, 2.5383



1.8274, 1.6280, 0.2179

Inverse Universe

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



20.2458, 16.8889, 77.7936



23.1452, 17.4104, 96.7484



15.6186, 6.8405, 76.0980



14.0698, 14.8611, 18.2712



10.5216, 8.1053, 43.3931



0.8673, 0.7785, 3.2365

Previews

White Background



This preview shows how the XYZ color 43.2351, 37.3016, 5.7318 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 43.2351, 37.3016, 5.7318 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 43.2351, 37.3016, 5.7318

Background



This preview shows how black text looks on a background with the XYZ color 43.2351, 37.3016, 5.7318.



This preview shows how white text looks on a background with the XYZ color 43.2351, 37.3016,

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

43.2351, 37.3016, 5.7318

Protanopia

33.9266, 37.4381, 6.6005

Deuteranopia

37.9447, 37.2044, 5.4110



Tritanopia

48.6999, 37.3768, 31.4357

Trichromacy



Original Color

43.2351, 37.3016, 5.7318

Protanomaly

36.7818, 37.0894, 6.2573

Deuteranomaly

39.6198, 37.0845, 5.4506

Tritanomaly

45.8425, 37.0670, 17.0504

Monochromacy



Original Color

43.2351, 37.3016, 5.7318

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.8652, 34.0555, 18.9758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2351, 37.3016, 5.7318 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(231, 145, 23)` looks like.

```
.text, #text, p{  
    color:rgb(231, 145, 23)  
}
```

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(231, 145, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 145, 23) }
```

Border

The CSS property to change the border of an element to XYZ 43.2351, 37.3016, 5.7318 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(231, 145, 23) }
```


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

```
.border{ border-color:rgb(231, 145, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 145, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 145, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 145, 23);  
box-shadow:4px 4px 4px 4px rgb(231, 145,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2351, 37.3016, 5.7318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 145, 23) }
```

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

```
.background{ background-color: rgb(231,  
145, 23) }
```

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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