

Converting Colors

XYZ(43.7233, 37.3954, 16.2906)

Have a look what the booklet for
XYZ(43.7233, 37.3954, 16.2906)
contains.

XYZ(43.6471, 37.2826, 16.2051)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.6471, 37.2826,
16.2051)**

Conversions

Conversions Part 1

Format	Color
Hex	E29161
RGB	226, 145, 97
RGB Percent	89%, 57%, 38%
CMY	0.1137, 0.4313, 0.6196
CMYK	0.00, 0.36, 0.57, 0.11
HSL	22°, 69%, 63%
HSV	22°, 57%, 89%
XYZ	43.6471, 37.2826, 16.2051
YIQ	163.7470, 63.6840, 2.2440

Conversions

Conversions Part 2

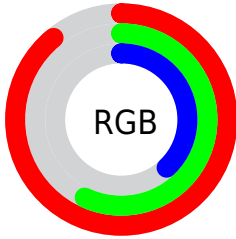
Format	Color
R _Y B	226, 173, 97
Decimal	14848353
CIE Lab	67.49, 25.89, 37.96
CIE LCh	67, 45.945, 55.704
Yxy	37.2826, 0.4493, 0.3838
Android (android.graphics.Color)	4293038433 (0xFFE29161)
YUV	163.7470, -32.9063, 54.5959
Hunter-Lab	61.0595, 20.7429, 27.0062

Details

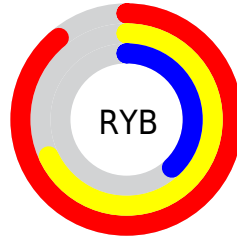
The XYZ color **43.6471, 37.2826, 16.2051** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **34.5768, 39.8713, 77.8247**, and the grayscale version is **35.2974, 37.1356, 40.4407**.

A 20% lighter version of the original color is **67.0882, 64.2768, 37.3045**, and **20.4934, 16.4426, 4.9994** is the 20% darker color. If you saturate the color by 10%, you get **40.7052, 32.8519, 10.7454**, and if you desaturate by 10%, it is **47.1618, 42.3788, 23.3370**.

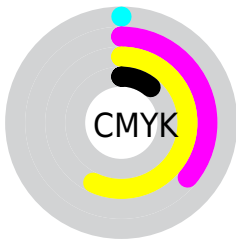
Distribution



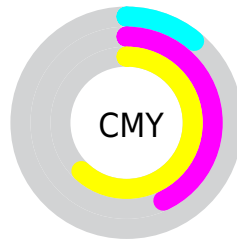
- Red (89%)
- Green (57%)
- Blue (38%)



- Red (89%)
- Yellow (68%)
- Blue (38%)



- Cyan (0%)
- Magenta (36%)
- Yellow (57%)
- Black (11%)





- Cyan (11%)
- Magenta (43%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6471, 37.2826, 16.2051 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 43.6471, 37.2826, 16.2051 by changing the saturation by 10% instead.


 43.6471, 37.2826,
16.2051


 43.6471, 37.2826,
16.2051


352.1428,
334.5324, 242.4358


 30.5899, 25.4264,
9.5135


 79.9361, 71.0072,
37.7256


 20.4371, 16.3950,
4.9762


 103.8986, 93.6444,
53.3916

 12.8232, 9.8041,
2.1748


 132.2269,
120.6440, 72.8862

 7.3831, 5.2693,
0.6598

 165.2863,
152.3904, 96.6278

 3.7513, 2.4061,
0.0000

203.4423,
189.2681, 125.0350

 1.5624, 0.8290,
0.0000

247.0601,

 0.3677, 0.0000,

231.6614, 158.5264

0.0000

296.5052,
279.9547, 197.5205

■ 0.0000, 0.0000,
0.0000

■ 43.6471, 37.2826,
16.2051

■ 43.6471, 37.2826,
16.2051

■ 40.7052, 32.8519,
10.7454

■ 47.1618, 42.3788,
23.3370

■ 38.2972, 29.0506,
6.8143

■ 51.2792, 48.1630,
32.2643

■ 36.3826, 25.8473,
4.2470

■ 56.0300, 54.6634,
43.1007

■ 34.9101, 23.2033,
2.8283

■ 61.4421, 61.9047,
55.9499

■ 34.5422, 22.5252,
2.5272

■ 67.5413, 69.9105,
70.9080

■ 74.3521, 78.7033,
88.0651

■ 81.8653, 88.2915,
107.3349

■ 85.1739, 94.9087,
108.4378

Harmonies

Analogous

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



49.1264, 37.2826, 25.9614



43.6471, 37.2826, 16.2051



36.4625, 37.2826, 12.8610

Triad

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



43.6471, 37.2826, 16.2051



23.5515, 37.2826, 37.7517



41.6547, 37.2826, 86.6576

Complementary

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



43.6471, 37.2826, 16.2051



34.5768, 39.8713, 77.8247

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.



34.4290, 37.2826, 93.0024



43.6471, 37.2826, 16.2051



24.5594, 37.2826, 59.8953

Square

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



43.6471, 37.2826, 16.2051



25.3642, 37.2826, 22.3949



28.3252, 37.2826, 81.9192



47.8731, 37.2826, 66.6723

Rectangle

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



43.6471, 37.2826, 16.2051



31.8878, 37.2826, 13.4947



28.3252, 37.2826, 81.9192



39.2381, 37.2826, 90.6901

Sweetspot

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



43.6480, 37.2845, 16.2058



80.7630, 81.3628, 73.5040



43.7451, 27.9609, 45.5805



16.9633, 16.9858, 14.9549



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.



43.6480, 37.2845, 16.2058



53.0465, 42.4604, 13.3029



56.2730, 62.5346, 20.4141



14.1230, 14.5319, 14.3674



19.8110, 13.0599, 1.4767



1.4570, 1.0730, 0.1303

Inverse Universe

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



34.5768, 39.8713, 77.8247



40.0108, 46.0276, 101.3832



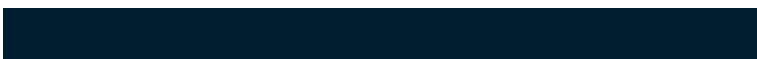
24.6974, 20.1126, 74.5316



13.6655, 14.6702, 17.4991



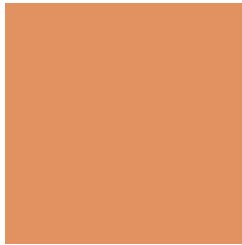
13.4586, 14.3868, 43.1159



1.0178, 1.1671, 3.0169

Previews

White Background



This preview shows how the XYZ color 43.6471, 37.2826, 16.2051 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 43.6471, 37.2826, 16.2051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

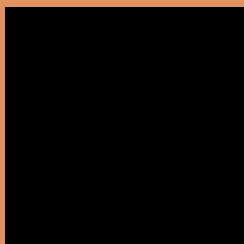
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6471, 37.2826, 16.2051

Background



This preview shows how black text looks on a background with the XYZ color 43.6471, 37.2826, 16.2051.



This preview shows how white text looks on a background with the XYZ color 43.6471, 37.2826,

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

43.6471, 37.2826, 16.2051

Protanopia

34.5442, 37.4934, 18.5130

Deuteranopia

38.1647, 37.3396, 15.7854



Tritanopia

47.1464, 37.1699, 33.1234

Trichromacy



Original Color

43.6471, 37.2826, 16.2051

Protanomaly

37.3408, 37.1291, 17.5105

Deuteranomaly

40.0351, 37.3103, 15.9180

Tritanomaly

45.8672, 37.3195, 25.9050

Monochromacy



Original Color

43.6471, 37.2826, 16.2051

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

37.2841, 36.5722, 29.9050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6471, 37.2826, 16.2051 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(226, 145, 97)` looks like.

```
.text, #text, p{  
    color:rgb(226, 145, 97)  
}
```

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(226, 145, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 145, 97) }
```

Border

The CSS property to change the border of an element to XYZ 43.6471, 37.2826, 16.2051 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(226, 145, 97) }
```


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

```
.border{ border-color:rgb(226, 145, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 145, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 145, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 145, 97);  
box-shadow:4px 4px 4px 4px rgb(226, 145,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6471, 37.2826, 16.2051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 145, 97) }
```

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

```
.background{ background-color: rgb(226,  
145, 97) }
```

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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