

Converting Colors

XYZ(41.6140, 31.8157, 10.4425)

Have a look what the booklet for
XYZ(41.6140, 31.8157, 10.4425)
contains.

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Color

**XYZ(41.5977, 31.8161,
10.4273)**

Conversions

Conversions Part 1

Format	Color
Hex	E87B4A
RGB	232, 123, 74
RGB Percent	91%, 48%, 29%
CMY	0.0902, 0.5176, 0.7098
CMYK	0.00, 0.47, 0.68, 0.09
HSL	19°, 77%, 60%
HSV	19°, 68%, 91%
XYZ	41.5977, 31.8161, 10.4273
YIQ	150.0050, 80.6930, 7.8690

Conversions

Conversions Part 2

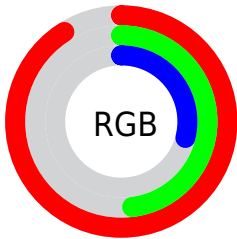
Format	Color
R _Y B	232, 145, 74
Decimal	15235914
CIE Lab	63.19, 38.28, 45.03
CIE LCh	63, 59.104, 49.634
Yxy	31.8161, 0.4961, 0.3795
Android (android.graphics.Color)	4293425994 (0xFFE87B4A)
YUV	150.0050, -37.4705, 71.9096
Hunter-Lab	56.4058, 32.9288, 28.5235

Details

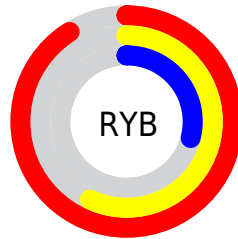
The XYZ color **41.5977, 31.8161, 10.4273** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **34.3219, 41.1467, 82.4766**, and the grayscale version is **29.1225, 30.6391, 33.3660**.

A 20% lighter version of the original color is **60.6002, 54.1595, 26.3286**, and **19.2984, 13.3672, 2.5403** is the 20% darker color. If you saturate the color by 10%, you get **39.1297, 27.9090, 6.4337**, and if you desaturate by 10%, it is **44.6798, 36.4910, 16.0472**.

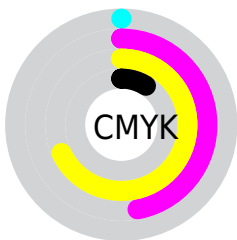
Distribution



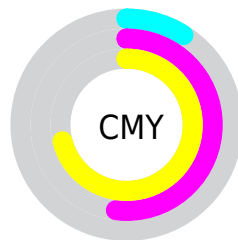
- Red (91%)
- Green (48%)
- Blue (29%)



- Red (91%)
- Yellow (57%)
- Blue (29%)



- Cyan (0%)
- Magenta (47%)
- Yellow (68%)
- Black (9%)




- Cyan (9%)
- Magenta (52%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5977, 31.8161, 10.4273 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 41.5977, 31.8161, 10.4273 by changing the saturation by 10% instead.


 41.5977, 31.8161,
10.4273


 41.5977, 31.8161,
10.4273


343.8326,
310.2807, 204.2895

 28.9761, 21.2211,
5.5739


 76.8594, 62.5227,
27.2164

 19.2070, 13.2857,
2.5232


 100.2302, 83.4030,
39.9893


 11.9248, 7.6256,
0.8524


 127.9149,
108.4806, 56.2389

 6.7643, 3.8563,
0.0000

 160.2787,
138.1398, 76.3841

 3.3602, 1.5935,
0.0000

 197.6870,
172.7650, 100.8431

 1.3470, 0.3532,
0.0000

240.5052,

 0.2180, 0.0000,

212.7406, 130.0347

0.0000

289.0986,
258.4510, 164.3773

■ 0.0000, 0.0000,
0.0000

■ 41.5977, 31.8161,
10.4273

■ 41.5977, 31.8161,
10.4273

■ 39.1297, 27.9090,
6.4337

■ 44.6798, 36.4910,
16.0472

■ 37.2244, 24.7196,
3.8832

■ 48.4170, 41.9693,
23.4464


■ 35.8183, 22.1968,
2.5230


■ 52.8487, 48.2903,
32.7618


■ 35.5932, 21.7850,
2.3290


■ 58.0106, 55.4891,
44.1161

■ 63.9354, 63.5985,
57.6221

 70.6542, 72.6497,
73.3839

 78.1959, 82.6725,
91.4990

 85.8383, 93.3952,
108.1107

 87.0885, 95.8957,
108.5274

Harmonies

Analogous

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



47.5795, 31.8161, 21.6178



41.5977, 31.8161, 10.4273



33.1556, 31.8161, 6.5578

Triad

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



41.5977, 31.8161, 10.4273



17.2705, 31.8161, 27.1618



35.8317, 31.8161, 96.6383

Complementary

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



41.5977, 31.8161, 10.4273



34.3219, 41.1467, 82.4766

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.



27.5010, 31.8161, 100.4151



41.5977, 31.8161, 10.4273



17.7267, 31.8161, 52.0645

Square

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



41.5977, 31.8161, 10.4273



19.7811, 31.8161, 12.9107



21.1647, 31.8161, 81.4686



43.8575, 31.8161, 72.7119

Rectangle

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



41.5977, 31.8161, 10.4273



27.6867, 31.8161, 6.5250



21.1647, 31.8161, 81.4686



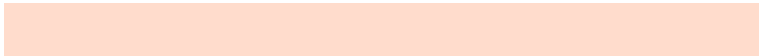
32.9462, 31.8161, 100.6179

Sweetspot

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



41.5984, 31.8178, 10.4279



77.6846, 76.7107, 67.8390



44.4422, 25.5394, 48.2652



16.1745, 15.8006, 13.4822



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.



41.5984, 31.8178, 10.4279



47.3889, 32.7720, 6.4024



55.2616, 59.1442, 14.9823



14.7398, 15.0936, 15.0409



19.8586, 12.2913, 1.3258



1.5479, 1.0690, 0.1248

Inverse Universe

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



34.3219, 41.1467, 82.4766



37.6170, 44.6882, 101.2508



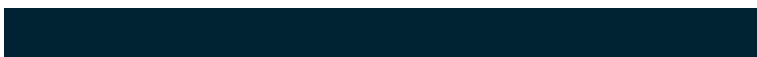
22.5026, 17.5082, 78.5369



14.4105, 15.5425, 18.3848



15.1860, 17.4341, 44.9479



1.2039, 1.4518, 3.3487

Previews

White Background



This preview shows how the XYZ color 41.5977, 31.8161, 10.4273 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 41.5977, 31.8161, 10.4273 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 41.5977, 31.8161, 10.4273

Background



This preview shows how black text looks on a background with the XYZ color 41.5977, 31.8161, 10.4273.



This preview shows how white text looks on a background with the XYZ color 41.5977, 31.8161,

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

41.5977, 31.8161, 10.4273

Protanopia

29.5180, 32.1863, 13.0443

Deuteranopia

32.5883, 31.9346, 10.0766



Tritanopia

44.3239, 31.8654, 23.2165

Trichromacy



Original Color

41.5977, 31.8161, 10.4273

Protanomaly

33.0087, 31.4306, 11.9164

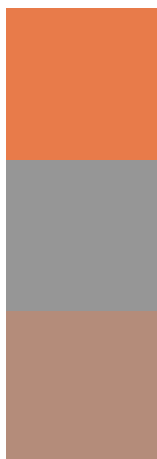
Deuteranomaly

35.4026, 31.6110, 10.1969

Tritanomaly

43.1300, 31.7267, 17.4863

Monochromacy



Original Color

41.5977, 31.8161, 10.4273

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

31.7133, 29.8646, 22.5053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5977, 31.8161, 10.4273 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(232, 123, 74)` looks like.

```
.text, #text, p{  
    color:rgb(232, 123, 74)  
}
```

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(232, 123, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 123, 74) }
```

Border

The CSS property to change the border of an element to XYZ 41.5977, 31.8161, 10.4273 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(232, 123, 74) }
```


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

```
.border{ border-color:rgb(232, 123, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 123, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 123, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 123, 74);  
box-shadow:4px 4px 4px 4px rgb(232, 123,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5977, 31.8161, 10.4273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 123, 74) }
```

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

```
.background{ background-color: rgb(232,  
123, 74) }
```

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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