

Converting Colors

XYZ(38.4888, 26.8439, 5.4721)

Have a look what the booklet for
XYZ(38.4888, 26.8439, 5.4721)
contains.

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Color

**XYZ(38.4661, 26.8330,
5.4374)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | E8662B |
| RGB | 232, 102, 43 |
| RGB Percent | 91%, 40%, 17% |
| CMY | 0.0902, 0.6000, 0.8314 |
| CMYK | 0.00, 0.56, 0.81, 0.09 |
| HSL | 19°, 80%, 54% |
| HSV | 19°, 81%, 91% |
| XYZ | 38.4661, 26.8330, 5.4374 |
| YIQ | 134.1440, 96.4190, 9.2110 |

Conversions

Conversions Part 2

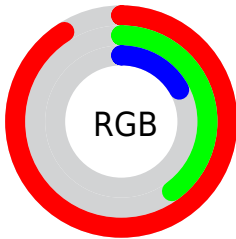
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 232, 129, 43 |
| Decimal | 15230507 |
| CIE Lab | 58.82, 47.34, 55.35 |
| CIE LCh | 59, 72.836, 49.457 |
| Yxy | 26.8330, 0.5438, 0.3793 |
| Android (android.graphics.Color) | 4293420587 (0xFFE8662B) |
| YUV | 134.1440, -44.9340, 85.8197 |
| Hunter-Lab | 51.8006, 41.8996, 30.0369 |

Details

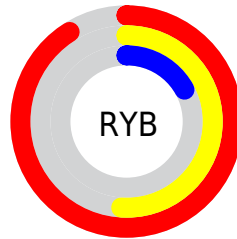
The XYZ color **38.4661, 26.8330, 5.4374** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **30.5038, 36.2240, 81.7274**, and the grayscale version is **22.8494, 24.0393, 26.1788**.

A 20% lighter version of the original color is **55.1043, 45.8272, 16.2972**, and **17.4605, 10.6316, 1.1318** is the 20% darker color. If you saturate the color by 10%, you get **36.7348, 23.8693, 3.3237**, and if you desaturate by 10%, it is **40.7421, 30.5001, 8.9253**.

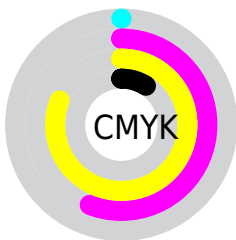
Distribution



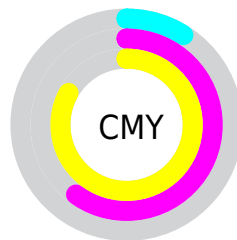
- Red (91%)
- Green (40%)
- Blue (17%)



- Red (91%)
- Yellow (51%)
- Blue (17%)



- Cyan (0%)
- Magenta (56%)
- Yellow (81%)
- Black (9%)





- Cyan (9%)
- Magenta (60%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.4661, 26.8330, 5.4374 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 38.4661, 26.8330, 5.4374 by changing the saturation by 10% instead.


 38.4661, 26.8330,
5.4374


 38.4661, 26.8330,
5.4374


330.8616,
286.8476, 163.0672


 26.5235, 17.4478,
2.4429


 72.1213, 54.6158,
17.2085


 17.3504, 10.5543,
0.8097


 94.5646, 73.7822,
26.8223


 10.5815, 5.7680,
0.0000


 121.2388, 96.9778,
39.4795

 5.8514, 2.7045,
0.0000

 152.5094,
124.5870, 55.5988

 2.7947, 0.9795,
0.0000

 188.7416,
156.9942, 75.5987

 1.0462, 0.0000,
0.0000

 230.3008,

 0.0000, 0.0000,

194.5837, 99.8977

0.0000

277.5523,
237.7401, 128.9144

■ 38.4661, 26.8330,
5.4374

■ 38.4661, 26.8330,
5.4374

■ 36.7348, 23.8693,
3.3237

■ 40.7421, 30.5001,
8.9253


■ 35.6238, 21.8465,
2.3392


■ 43.6128, 34.9123,
13.9800

■ 47.1236, 40.1129,
20.7643


■ 51.3145, 46.1402,
29.4201

■ 56.2219, 53.0297,
40.0741

 61.8794, 60.8147,
52.8422

 68.3184, 69.5269,
67.8312

 75.5685, 79.1962,
85.1406

 83.6575, 89.8511,
104.8641

Harmonies

Analogous

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



45.5132, 26.8330, 15.6380



38.4661, 26.8330, 5.4374



28.7983, 26.8330, 2.5731

Triad

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



38.4661, 26.8330, 5.4374



12.0085, 26.8330, 21.0645



31.7037, 26.8330, 105.1300

Complementary

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



38.4661, 26.8330, 5.4374



30.5038, 36.2240, 81.7274

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.



22.4709, 26.8330, 109.8740



38.4661, 26.8330, 5.4374



12.4341, 26.8330, 48.9957

Square

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



38.4661, 26.8330, 5.4374



14.4973, 26.8330, 7.4098



15.8398, 26.8330, 85.2677



41.0180, 26.8330, 74.6364

Rectangle

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



38.4661, 26.8330, 5.4374



22.7689, 26.8330, 2.5409



15.8398, 26.8330, 85.2677



28.4498, 26.8330, 110.2685

Sweetspot

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



38.4667, 26.8345, 5.4378



74.7261, 72.6879, 61.0129



41.9097, 21.9905, 42.7478



15.4531, 14.8140, 11.8354



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.



38.4667, 26.8345, 5.4378



44.3705, 27.4762, 3.1113



53.0507, 56.0026, 10.2992



14.7423, 15.0984, 15.0417



19.8761, 12.3264, 1.3316



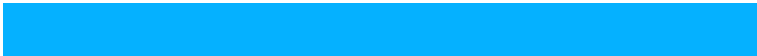
1.5494, 1.0721, 0.1253

Inverse Universe

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



30.5038, 36.2240, 81.7274



33.8318, 38.6889, 100.2923



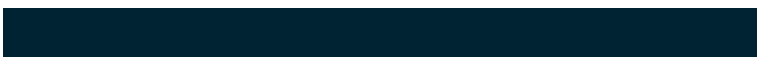
18.4894, 12.1952, 77.7226



14.4080, 15.5374, 18.3840



15.1407, 17.3436, 44.9328



1.2009, 1.4456, 3.3477

Previews

White Background



This preview shows how the XYZ color 38.4661, 26.8330, 5.4374 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 38.4661, 26.8330, 5.4374 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 × Fail

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

XYZ 38.4661, 26.8330, 5.4374

Background



This preview shows how black text looks on a background with the XYZ color 38.4661, 26.8330, 5.4374.



This preview shows how white text looks on a background with the XYZ color 38.4661, 26.8330,

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

38.4661, 26.8330, 5.4374

Protanopia

24.4394, 26.8814, 7.3906

Deuteranopia

27.5017, 27.0106, 5.0604



Tritanopia

40.5128, 26.8175, 15.6114

Trichromacy



Original Color

38.4661, 26.8330, 5.4374

Protanomaly

28.1727, 25.7233, 6.4978

Deuteranomaly

30.6750, 26.2930, 5.0484

Tritanomaly

39.4572, 26.6531, 10.8495

Monochromacy



Original Color

38.4661, 26.8330, 5.4374

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

25.8861, 23.4047, 15.4651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4661, 26.8330, 5.4374 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, 102, 43)` looks like.

```
.text, #text, p{  
    color:rgb(232, 102, 43)  
}
```

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, 102, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 102, 43) }
```

Border

The CSS property to change the border of an element to XYZ 38.4661, 26.8330, 5.4374 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, 102, 43) }
```


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

```
.border{ border-color:rgb(232, 102, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 102, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 102, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 102, 43);  
box-shadow:4px 4px 4px 4px rgb(232, 102,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4661, 26.8330, 5.4374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 102, 43) }
```

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

```
.background{ background-color: rgb(232,  
102, 43) }
```

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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