

Converting Colors

XYZ(40.4867, 30.3299, 10.9281)

Have a look what the booklet for
XYZ(40.4867, 30.3299, 10.9281)
contains.

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Color

**XYZ(40.4867, 30.3299,
10.9281)**

Conversions

Conversions Part 1

Format	Color
Hex	E6764E
RGB	230, 118, 78
RGB Percent	90%, 46%, 31%
CMY	0.0980, 0.5372, 0.6941
CMYK	0.00, 0.49, 0.66, 0.10
HSL	16°, 75%, 60%
HSV	16°, 66%, 90%
XYZ	40.4867, 30.3299, 10.9281
YIQ	146.9280, 79.5920, 11.3040

Conversions

Conversions Part 2

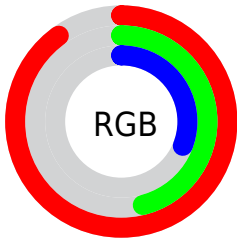
Format	Color
R _Y B	230, 132, 78
Decimal	15103566
CIE Lab	61.94, 40.27, 41.43
CIE LCh	62, 57.776, 45.815
Yxy	30.3299, 0.4953, 0.3710
Android (android.graphics.Color)	4293293646 (0xFFE6764E)
YUV	146.9280, -33.9815, 72.8541
Hunter-Lab	55.0726, 34.8475, 26.7858

Details

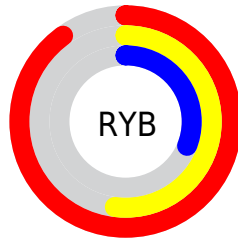
The XYZ color **40.4867, 30.3299, 10.9281** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **35.8369, 44.1570, 81.4968**, and the grayscale version is **27.8173, 29.2659, 31.8706**.

A 20% lighter version of the original color is **59.8888, 52.3236, 27.3650**, and **18.5577, 12.4304, 2.7175** is the 20% darker color. If you saturate the color by 10%, you get **37.9821, 26.4179, 6.7119**, and if you desaturate by 10%, it is **43.6395, 35.0775, 16.7828**.

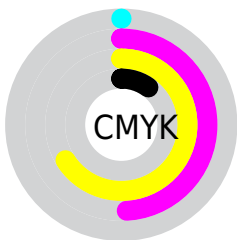
Distribution



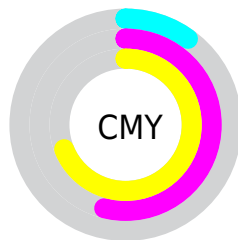
- Red (90%)
- Green (46%)
- Blue (31%)



- Red (90%)
- Yellow (52%)
- Blue (31%)



- Cyan (0%)
- Magenta (49%)
- Yellow (66%)
- Black (10%)





- Cyan (10%)
- Magenta (54%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.4867, 30.3299, 10.9281 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 40.4867, 30.3299, 10.9281 by changing the saturation by 10% instead.


 40.4867, 30.3299,
10.9281


 40.4867, 30.3299,
10.9281


339.2700,
303.4392, 207.8933


 28.1041, 20.0891,
5.9049


 75.1837, 60.1835,
28.1618

 18.5450, 12.4598,
2.7195


 98.2289, 80.5651,
41.2093


 11.4440, 7.0577,
0.9532


 125.5589,
105.0958, 57.7688

 6.4358, 3.4982,
0.0000

 157.5392,
134.1600, 78.2587

 3.1550, 1.3970,
0.0000

 194.5351,
168.1420, 103.0975

 1.2363, 0.2145,
0.0000

236.9120,

 0.1347, 0.0000,

207.4263, 132.7039

0.0000

285.0352,
252.3972, 167.4963

■ 0.0000, 0.0000,
0.0000

■ 40.4867, 30.3299,
10.9281

■ 40.4867, 30.3299,
10.9281

■ 37.9821, 26.4179,
6.7119

■ 43.6395, 35.0775,
16.7828

■ 36.0729, 23.2856,
3.9599

■ 47.4831, 40.7022,
24.4229


■ 34.6994, 20.8769,
2.4593


■ 52.0589, 47.2483,
33.9803


■ 34.2770, 20.1110,
2.0752


■ 57.4040, 54.7557,
45.5742

■ 63.5530, 63.2619,
59.3139

 70.5384, 72.8022,
75.3009

 78.3907, 83.4103,
93.6303

 85.9910, 94.6590,
108.3466

 86.4429, 95.5629,
108.4972

Harmonies

Analogous

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



45.6371, 30.3299, 22.7223



40.4867, 30.3299, 10.9281



32.6284, 30.3299, 6.5489

Triad

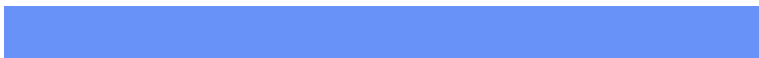
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40.4867, 30.3299, 10.9281



16.6782, 30.3299, 23.6465



33.0741, 30.3299, 93.3020

Complementary

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



40.4867, 30.3299, 10.9281



35.8369, 44.1570, 81.4968

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.



25.3342, 30.3299, 93.9300



40.4867, 30.3299, 10.9281



16.7544, 30.3299, 46.0464

Square

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



40.4867, 30.3299, 10.9281



19.4232, 30.3299, 11.3430



19.6539, 30.3299, 73.9561



40.8629, 30.3299, 72.4996

Rectangle

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



40.4867, 30.3299, 10.9281



27.3469, 30.3299, 6.1886



19.6539, 30.3299, 73.9561



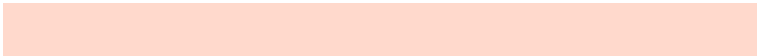
30.3610, 30.3299, 96.1141

Sweetspot

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



40.4874, 30.3315, 10.9286



77.0612, 75.4638, 67.6311



44.8718, 26.0776, 52.5376



16.0269, 15.5055, 13.4330



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.



40.4874, 30.3315, 10.9286



47.1085, 31.9484, 7.1186



52.8577, 55.0722, 15.0521



14.6839, 14.9817, 15.0223



19.4908, 11.5558, 1.2032



1.5146, 1.0026, 0.1137

Inverse Universe

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



35.8369, 44.1570, 81.4968



40.6628, 50.2228, 102.1586



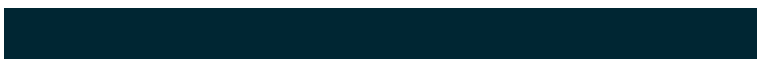
23.6703, 19.8239, 77.4413



14.4697, 15.6607, 18.4045



16.2724, 19.6068, 45.3100



1.2772, 1.5983, 3.3732

Previews

White Background



This preview shows how the XYZ color 40.4867, 30.3299, 10.9281 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 40.4867, 30.3299, 10.9281 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 40.4867, 30.3299, 10.9281

Background



This preview shows how black text looks on a background with the XYZ color 40.4867, 30.3299, 10.9281.



This preview shows how white text looks on a background with the XYZ color 40.4867, 30.3299,

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

40.4867, 30.3299, 10.9281

Protanopia

28.0194, 30.4265, 13.8473

Deuteranopia

31.0326, 30.4402, 10.5433



Tritanopia

42.6350, 30.3465, 21.6995

Trichromacy



Original Color

40.4867, 30.3299, 10.9281

Protanomaly

31.4672, 29.5242, 12.6346

Deuteranomaly

33.8825, 29.9757, 10.6567

Tritanomaly

41.6355, 30.2703, 17.0129

Monochromacy



Original Color

40.4867, 30.3299, 10.9281

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

30.4485, 28.3606, 22.2817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4867, 30.3299, 10.9281 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(230, 118, 78)` looks like.

```
.text, #text, p{  
    color:rgb(230, 118, 78)  
}
```

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(230, 118, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 118, 78) }
```

Border

The CSS property to change the border of an element to XYZ 40.4867, 30.3299, 10.9281 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(230, 118, 78) }
```


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

```
.border{ border-color:rgb(230, 118, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 118, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 118, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 118, 78);  
box-shadow:4px 4px 4px 4px rgb(230, 118,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4867, 30.3299, 10.9281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 118, 78) }
```

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

```
.background{ background-color: rgb(230,  
118, 78) }
```

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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