

Converting Colors

$Y_{xy}(30.0884, 0.4706, 0.3587)$

Have a look what the booklet for
Yxy(30.0884, 0.4706, 0.3587)
contains.

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Color

Yxy(30.0884, 0.4706, 0.3587)

Conversions

Conversions Part 1

Format	Color
Hex	E0785E
RGB	224, 120, 94
RGB Percent	88%, 47%, 37%
CMY	0.1216, 0.5294, 0.6313
CMYK	0.00, 0.46, 0.58, 0.12
HSL	12°, 68%, 62%
HSV	12°, 58%, 88%
XYZ	39.4748, 30.0884, 14.3186
YIQ	148.1320, 70.3300, 13.9620

Conversions

Conversions Part 2

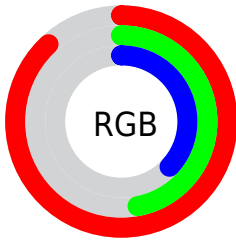
Format	Color
RYB	224, 127, 94
Decimal	14710878
CIELab	61.73, 38.00, 32.31
CIElCh	62, 49.883, 40.374
Yxy	30.0884, 0.4706, 0.3587
Android (android.graphics.Color)	4292900958 (0xFFE0785E)
YUV	148.1320, -26.6871, 66.5362
Hunter-Lab	54.8529, 32.4646, 22.9202

Details

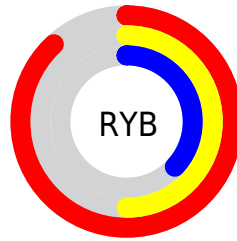
The Yxy color **30.0884, 0.4706, 0.3587** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **48.1411, 0.2330, 0.2932**, and the grayscale version is **29.7657, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5764, 0.4128, 0.3597**, and **12.3540, 0.5213, 0.3588** is the 20% darker color. If you saturate the color by 10%, you get **25.8299, 0.5119, 0.3607**, and if you desaturate by 10%, it is **35.2731, 0.4323, 0.3547**.

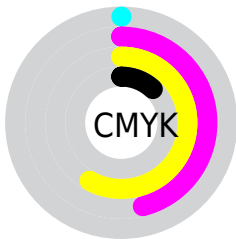
Distribution



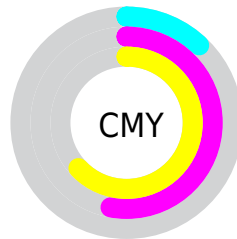
- Red (88%)
- Green (47%)
- Blue (37%)



- Red (88%)
- Yellow (50%)
- Blue (37%)



- Cyan (0%)
- Magenta (46%)
- Yellow (58%)
- Black (12%)





- Cyan (12%)
- Magenta (53%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0884, 0.4706, 0.3587 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 Yxy color 30.0884, 0.4706, 0.3587 by changing the saturation by 10% instead.


 30.0884, 0.4706,
0.3587


 30.0884, 0.4706,
0.3587


302.3163, 0.3860,
0.3483

 19.9057, 0.4928,
0.3592


 59.8019, 0.4388,
0.3563

 12.3265, 0.5216,
0.3583


 80.1016, 0.4272,
0.3550

 6.9665, 0.5596,
0.3541


 104.5423, 0.4175,
0.3537

 3.4411, 0.6177,
0.3461

 133.5085, 0.4092,
0.3524

 1.3661, 0.6851,
0.3149

167.3847, 0.4022,
0.3512

 0.1916, 0.8560,
0.1440

206.5551, 0.3960,

 0.0000, 1.0000,

0.3502

0.0000

251.4041, 0.3907,
0.3492

0.0000, 0.0000,
0.0000

30.0884, 0.4706,
0.3587

30.0884, 0.4706,
0.3587

25.8299, 0.5119,
0.3607

35.2731, 0.4323,
0.3547

22.4374, 0.5529,
0.3598

41.4300, 0.3986,
0.3495

19.8507, 0.5888,
0.3553

48.6076, 0.3699,
0.3439

17.9972, 0.6151,
0.3478

56.8498, 0.3460,
0.3384

17.7079, 0.6194,
0.3464

66.1980, 0.3261,
0.3330

■ 76.6911, 0.3097,
0.3281

■ 88.3663, 0.2962,
0.3235

■ 94.5852, 0.2940,
0.3289

Harmonies

Analogous

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



30.0884, 0.4318, 0.3015



30.0884, 0.4706, 0.3587



30.0884, 0.4587, 0.4169

Triad

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



30.0884, 0.4706, 0.3587



30.0884, 0.2589, 0.4286



30.0884, 0.2141, 0.2081

Complementary

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



30.0884, 0.4706, 0.3587



48.1411, 0.2330, 0.2932

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.



30.0884, 0.1812, 0.2224



30.0884, 0.4706, 0.3587



30.0884, 0.2028, 0.3432

Square

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



30.0884, 0.4706, 0.3587



30.0884, 0.3336, 0.4758



30.0884, 0.1769, 0.2671



30.0884, 0.2750, 0.2195

Rectangle

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



30.0884, 0.4706, 0.3587



30.0884, 0.4274, 0.4510



30.0884, 0.1769, 0.2671



30.0884, 0.2000, 0.2098

Sweetspot

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



30.0900, 0.4706, 0.3587



77.3521, 0.3440, 0.3379



27.9291, 0.3475, 0.2160



16.0465, 0.3484, 0.3390



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.0900, 0.4706, 0.3587



33.4243, 0.5223, 0.3608



51.3489, 0.4199, 0.4304



14.1424, 0.3287, 0.3338



10.4383, 0.6171, 0.3482



0.8498, 0.5880, 0.3714

Inverse Universe

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



48.1411, 0.2330, 0.2932



59.5898, 0.2216, 0.2841



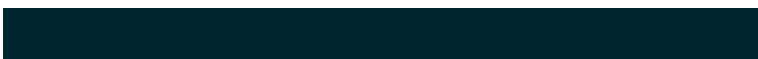
24.5370, 0.2119, 0.1965



15.0820, 0.2982, 0.3242



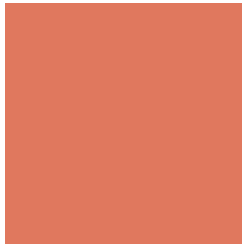
22.1078, 0.2066, 0.2637



1.6522, 0.2097, 0.2749

Previews

White Background



This preview shows how the Yxy color 30.0884, 0.4706, 0.3587 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 Yxy color 30.0884, 0.4706, 0.3587 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](#).

Yxy 30.0884, 0.4706, 0.3587

Background



This preview shows how black text looks on a background with the Yxy color 30.0884, 0.4706, 0.3587.



This preview shows how white text looks on a background with the Yxy color 30.0884, 0.4706, 0.3587.

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

30.0884, 0.4706, 0.3587

Protanopia

30.1126, 0.3684, 0.3955

Deuteranopia

30.2069, 0.4107, 0.4038



Tritanopia

30.1148, 0.4385, 0.3201

Trichromacy



Original Color

30.0884, 0.4706, 0.3587

Protanomaly

29.3266, 0.4050, 0.3801

Deuteranomaly

29.9536, 0.4336, 0.3868

Tritanomaly

29.9224, 0.4509, 0.3340

Monochromacy



Original Color

30.0884, 0.4706, 0.3587

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.9656, 0.3667, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0884, 0.4706, 0.3587 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(224, 120, 94)` looks like.

```
.text, #text, p{  
  color:rgb(224, 120, 94)  
}
```

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(224, 120, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 120, 94) }
```

Border

The CSS property to change the border of an element to Yxy 30.0884, 0.4706, 0.3587 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(224, 120, 94) }
```

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

```
.border{ border-color:rgb(224, 120, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 120, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 120, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 120, 94);  
box-shadow:4px 4px 4px 4px rgb(224, 120,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0884, 0.4706, 0.3587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 120, 94) }
```

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

```
.background{ background-color: rgb(224,  
120, 94) }
```

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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