

Converting Colors

$Y_{xy}(30.2766, 0.4599, 0.3489)$

Have a look what the booklet for
Yxy(30.2766, 0.4599, 0.3489)
contains.

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Color

Yxy(30.2595, 0.4601, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	E07867
RGB	224, 120, 103
RGB Percent	88%, 47%, 40%
CMY	0.1216, 0.5294, 0.5961
CMYK	0.00, 0.46, 0.54, 0.12
HSL	8°, 66%, 64%
HSV	8°, 54%, 88%
XYZ	39.9037, 30.2595, 16.5651
YIQ	149.1580, 67.4410, 16.7610

Conversions

Conversions Part 2

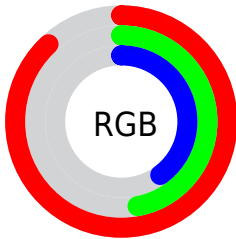
Format	Color
R _Y B	224, 123, 103
Decimal	14710887
CIE Lab	61.88, 38.71, 27.50
CIE LCh	62, 47.490, 35.391
Yxy	30.2595, 0.4601, 0.3489
Android (android.graphics.Color)	4292900967 (0xFFE07867)
YUV	149.1580, -22.7559, 65.6364
Hunter-Lab	55.0086, 33.2202, 20.6517

Details

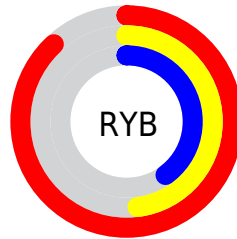
The Yxy color **30.2595, 0.4601, 0.3489** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **52.8756, 0.2393, 0.3060**, and the grayscale version is **30.2020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.8652, 0.4046, 0.3503**, and **12.4343, 0.5074, 0.3476** is the 20% darker color. If you saturate the color by 10%, you get **25.6958, 0.5029, 0.3508**, and if you desaturate by 10%, it is **35.8774, 0.4215, 0.3458**.

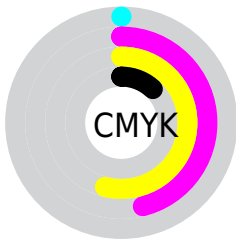
Distribution



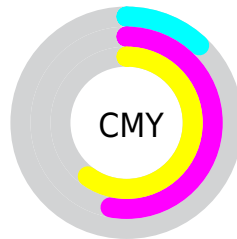
- Red (88%)
- Green (47%)
- Blue (40%)



- Red (88%)
- Yellow (48%)
- Blue (40%)



- Cyan (0%)
- Magenta (46%)
- Yellow (54%)
- Black (12%)





- Cyan (12%)
- Magenta (53%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.2595, 0.4601, 0.3489 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 30.2595, 0.4601, 0.3489 by changing the saturation by 10% instead.


 30.2595, 0.4601,
0.3489


 30.2595, 0.4601,
0.3489


303.1122, 0.3808,
0.3427


 20.0356, 0.4812,
0.3488


 60.0723, 0.4302,
0.3478


 12.4210, 0.5089,
0.3473


 80.4301, 0.4192,
0.3470

 7.0310, 0.5462,
0.3431


 104.9346, 0.4101,
0.3462

 3.4815, 0.5989,
0.3328

 133.9702, 0.4024,
0.3454

 1.3880, 0.6872,
0.3128

167.9214, 0.3959,
0.3446

 0.2078, 0.8502,
0.1498

207.1725, 0.3902,

 0.0000, 1.0000,


0.3439


0.0000

252.1080, 0.3852,
0.3433


 0.0000, 0.0000,
0.0000


 30.2595, 0.4601,
0.3489


 30.2595, 0.4601,
0.3489


 25.6958, 0.5029,
0.3508

 35.8774, 0.4215,
0.3458


 22.1156, 0.5467,
0.3506


 42.6048, 0.3883,
0.3420


 19.4470, 0.5864,
0.3478

 50.4991, 0.3606,
0.3380

 17.6058, 0.6162,
0.3425

 59.6121, 0.3379,
0.3341

 16.8538, 0.6286,
0.3391

 69.9924, 0.3192,
0.3304

 81.6862, 0.3040,
0.3270

 94.4254, 0.2940,
0.3287

 94.5867, 0.2940,
0.3289

Harmonies

Analogous

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



30.2595, 0.4157, 0.2945



30.2595, 0.4601, 0.3489



30.2595, 0.4572, 0.4051

Triad

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



30.2595, 0.4601, 0.3489



30.2595, 0.2729, 0.4340



30.2595, 0.2113, 0.2137

Complementary

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



30.2595, 0.4601, 0.3489



52.8756, 0.2393, 0.3060

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.



30.2595, 0.1840, 0.2323



30.2595, 0.4601, 0.3489



30.2595, 0.2150, 0.3567

Square

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



30.2595, 0.4601, 0.3489



30.2595, 0.3456, 0.4699



30.2595, 0.1847, 0.2807



30.2595, 0.2656, 0.2206

Rectangle

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



30.2595, 0.4601, 0.3489



30.2595, 0.4315, 0.4388



30.2595, 0.1847, 0.2807



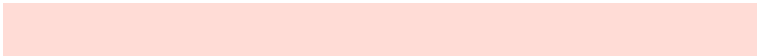
30.2595, 0.1991, 0.2168

Sweetspot

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



30.2611, 0.4601, 0.3489



77.2804, 0.3423, 0.3349



30.0913, 0.3355, 0.2150



15.9848, 0.3468, 0.3357



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.



30.2611, 0.4601, 0.3489



33.7001, 0.5093, 0.3509



49.3171, 0.4172, 0.4162



14.0100, 0.3289, 0.3324



9.9091, 0.6267, 0.3406



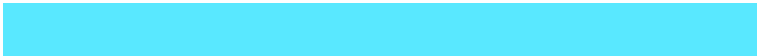
0.7874, 0.6017, 0.3605

Inverse Universe

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



52.8756, 0.2393, 0.3060



66.8893, 0.2288, 0.3004



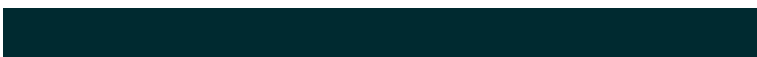
29.2424, 0.2214, 0.2192



15.2263, 0.2982, 0.3256



25.3285, 0.2122, 0.2840



1.8472, 0.2143, 0.2916

Previews

White Background



This preview shows how the Yxy color 30.2595, 0.4601, 0.3489 looks on a white background.

Color Contrast Check

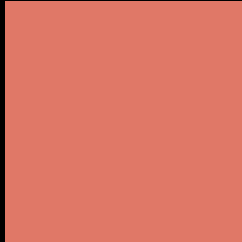
Large Text (above 18pt) WCAG AA × Fail

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 30.2595, 0.4601, 0.3489 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 30.2595, 0.4601, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 30.2595, 0.4601, 0.3489.



This preview shows how white text looks on a background with the Yxy color 30.2595, 0.4601, 0.3489.

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

30.2595, 0.4601, 0.3489

Protanopia

30.5472, 0.3569, 0.3818

Deuteranopia

30.2491, 0.4004, 0.3920



Tritanopia

30.3720, 0.4366, 0.3201

Trichromacy



Original Color

30.2595, 0.4601, 0.3489

Protanomaly

29.6802, 0.3934, 0.3691

Deuteranomaly

29.9838, 0.4228, 0.3758

Tritanomaly

30.2488, 0.4452, 0.3306

Monochromacy



Original Color

30.2595, 0.4601, 0.3489

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.0730, 0.3622, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2595, 0.4601, 0.3489 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, 103)` looks like.

```
.text, #text, p{  
    color:rgb(224, 120, 103)  
}
```

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, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 120, 103) }
```

Border

The CSS property to change the border of an element to Yxy 30.2595, 0.4601, 0.3489 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, 103) }
```

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

```
.border{ border-color:rgb(224, 120, 103) }
```

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, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 120, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 120, 103);  
box-shadow:4px 4px 4px 4px rgb(224, 120,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2595, 0.4601, 0.3489 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, 103) }
```

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

```
.background{ background-color: rgb(224,  
120, 103) }
```

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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