

Converting Colors

Yxy(33.0483, 0.4626, 0.3712)

Have a look what the booklet for
Yxy(33.0483, 0.4626, 0.3712)
contains.

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Color

Yxy(33.0483, 0.4626, 0.3712)

Conversions

Conversions Part 1

Format	Color
Hex	E1835E
RGB	225, 131, 94
RGB Percent	88%, 51%, 37%
CMY	0.1177, 0.4862, 0.6314
CMYK	0.00, 0.42, 0.58, 0.12
HSL	17°, 69%, 63%
HSV	17°, 58%, 88%
XYZ	41.1857, 33.0483, 14.7969
YIQ	154.8880, 67.9010, 8.4210

Conversions

Conversions Part 2

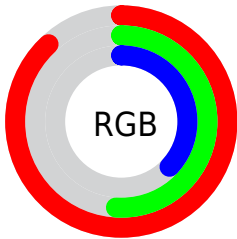
Format	Color
R _Y B	225, 146, 94
Decimal	14779230
CIE Lab	64.20, 32.67, 35.45
CIE LCh	64, 48.209, 47.336
Yxy	33.0483, 0.4626, 0.3712
Android (android.graphics.Color)	4292969310 (0xFFE1835E)
YUV	154.8880, -30.0178, 61.4882
Hunter-Lab	57.4877, 27.2789, 24.9805

Details

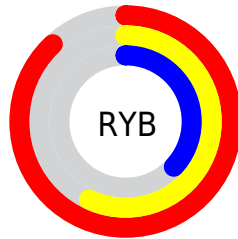
The Yxy color **33.0483, 0.4626, 0.3712** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **43.7711, 0.2294, 0.2775**, and the grayscale version is **32.8402, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.0023, 0.4075, 0.3710**, and **13.9419, 0.5077, 0.3745** is the 20% darker color. If you saturate the color by 10%, you get **28.6994, 0.5003, 0.3748**, and if you desaturate by 10%, it is **38.1938, 0.4273, 0.3652**.

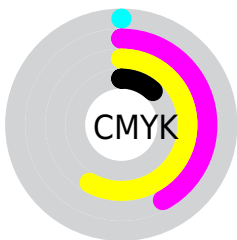
Distribution



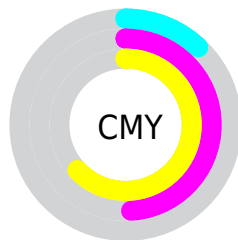
- Red (88%)
- Green (51%)
- Blue (37%)



- Red (88%)
- Yellow (57%)
- Blue (37%)



- Cyan (0%)
- Magenta (42%)
- Yellow (58%)
- Black (12%)





- Cyan (12%)
- Magenta (49%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0483, 0.4626, 0.3712 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 33.0483, 0.4626, 0.3712 by changing the saturation by 10% instead.

 33.0483, 0.4626,
0.3712


 33.0483, 0.4626,
0.3712


315.8673, 0.3837,
0.3542


 22.1634, 0.4828,
0.3734


 64.4509, 0.4334,
0.3664

 13.9770, 0.5086,
0.3749


 85.7375, 0.4225,
0.3641

 8.1047, 0.5421,
0.3741


 111.2601, 0.4134,
0.3620

 4.1620, 0.5908,
0.3702

 141.4031, 0.4057,
0.3602

 1.7646, 0.6504,
0.3496

176.5510, 0.3990,
0.3585

 0.4650, 0.7374,
0.2626

217.0880, 0.3932,

 0.0000, 1.0000,

0.3569

0.0000

263.3987, 0.3882,
0.3555

0.0000, 0.0000,
0.0000

33.0483, 0.4626,
0.3712

33.0483, 0.4626,
0.3712

28.6994, 0.5003,
0.3748

38.1938, 0.4273,
0.3652

25.1002, 0.5380,
0.3747

44.1693, 0.3959,
0.3579

22.2065, 0.5718,
0.3701

51.0122, 0.3688,
0.3501

19.9636, 0.5983,
0.3614

58.7561, 0.3457,
0.3423

19.6252, 0.6025,
0.3598

67.4330, 0.3263,
0.3348

■ 77.0729, 0.3100,
0.3278

■ 87.7047, 0.2964,
0.3213

■ 94.7460, 0.2946,
0.3289

Harmonies

Analogous

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



33.0483, 0.4367, 0.3158



33.0483, 0.4626, 0.3712



33.0483, 0.4421, 0.4250

Triad

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



33.0483, 0.4626, 0.3712



33.0483, 0.2481, 0.4048



33.0483, 0.2309, 0.2150

Complementary

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



33.0483, 0.4626, 0.3712



43.7711, 0.2294, 0.2775

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.



33.0483, 0.1930, 0.2229



33.0483, 0.4626, 0.3712



33.0483, 0.2008, 0.3243

Square

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



33.0483, 0.4626, 0.3712



33.0483, 0.3163, 0.4604



33.0483, 0.1826, 0.2587



33.0483, 0.2941, 0.2309

Rectangle

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



33.0483, 0.4626, 0.3712



33.0483, 0.4083, 0.4534



33.0483, 0.1826, 0.2587



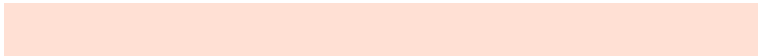
33.0483, 0.2152, 0.2148

Sweetspot

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



33.0500, 0.4626, 0.3712



79.2531, 0.3434, 0.3414



27.7312, 0.3581, 0.2239



16.4910, 0.3477, 0.3430



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.



33.0500, 0.4626, 0.3712



36.9518, 0.5090, 0.3751



55.5872, 0.4144, 0.4391



14.3280, 0.3285, 0.3357



11.4815, 0.5997, 0.3620



0.9452, 0.5692, 0.3862

Inverse Universe

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



43.7711, 0.2294, 0.2775



52.2299, 0.2167, 0.2645



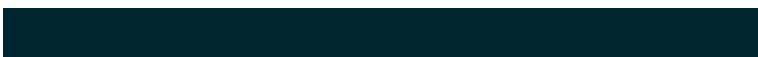
22.3719, 0.2088, 0.1833



14.8834, 0.2982, 0.3222



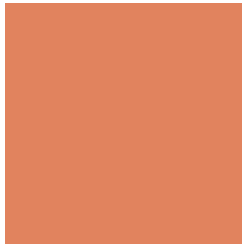
18.1136, 0.1985, 0.2347



1.4051, 0.2031, 0.2510

Previews

White Background



This preview shows how the Yxy color 33.0483, 0.4626, 0.3712 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 33.0483, 0.4626, 0.3712 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 33.0483, 0.4626, 0.3712

Background



This preview shows how black text looks on a background with the Yxy color 33.0483, 0.4626, 0.3712.



This preview shows how white text looks on a background with the Yxy color 33.0483, 0.4626, 0.3712.

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

33.0483, 0.4626, 0.3712

Protanopia

33.2114, 0.3757, 0.4058

Deuteranopia

33.1802, 0.4161, 0.4081



Tritanopia

33.1650, 0.4214, 0.3189

Trichromacy



Original Color

33.0483, 0.4626, 0.3712

Protanomaly

32.6064, 0.4068, 0.3933

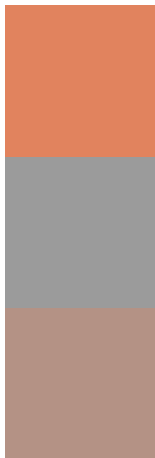
Deuteranomaly

32.7978, 0.4344, 0.3937

Tritanomaly

33.1253, 0.4374, 0.3386

Monochromacy



Original Color

33.0483, 0.4626, 0.3712

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.9545, 0.3628, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0483, 0.4626, 0.3712 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(225, 131, 94)` looks like.

```
.text, #text, p{  
    color:rgb(225, 131, 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(225, 131, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 131, 94) }
```

Border

The CSS property to change the border of an element to Yxy 33.0483, 0.4626, 0.3712 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(225, 131, 94) }
```

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

```
.border{ border-color:rgb(225, 131, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 131, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 131, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 131, 94);  
box-shadow:4px 4px 4px 4px rgb(225, 131,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0483, 0.4626, 0.3712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 131, 94) }
```

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

```
.background{ background-color: rgb(225,  
131, 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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