

Converting Colors

$Yxy(34.0129, 0.4802, 0.3802)$

Have a look what the booklet for
Yxy(34.0129, 0.4802, 0.3802)
contains.

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Color

Yxy(34.0129, 0.4802, 0.3802)

Conversions

Conversions Part 1

Format	Color
Hex	E88353
RGB	232, 131, 83
RGB Percent	91%, 51%, 33%
CMY	0.0902, 0.4863, 0.6744
CMYK	0.00, 0.44, 0.64, 0.09
HSL	19°, 76%, 62%
HSV	19°, 64%, 91%
XYZ	42.9590, 34.0129, 12.4887
YIQ	155.7270, 75.6040, 6.4840

Conversions

Conversions Part 2

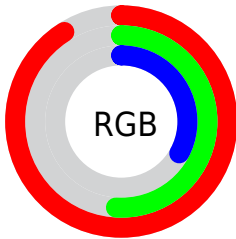
Format	Color
R _Y B	232, 154, 83
Decimal	15237971
CIE Lab	64.97, 34.69, 42.43
CIE LCh	65, 54.812, 50.731
Yxy	34.0129, 0.4802, 0.3802
Android (android.graphics.Color)	4293428051 (0xFFE88353)
YUV	155.7270, -35.8544, 66.8914
Hunter-Lab	58.3206, 29.4221, 28.1281

Details

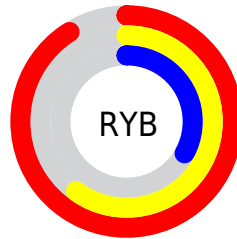
The Yxy color **34.0129, 0.4802, 0.3802** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **41.9597, 0.2207, 0.2625**, and the grayscale version is **33.2569, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.6792, 0.4167, 0.3821**, and **14.5166, 0.5279, 0.3838** is the 20% darker color. If you saturate the color by 10%, you get **29.8048, 0.5165, 0.3824**, and if you desaturate by 10%, it is **38.9858, 0.4448, 0.3747**.

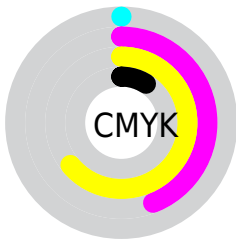
Distribution



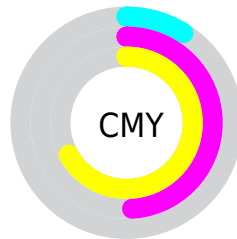
- Red (91%)
- Green (51%)
- Blue (33%)



- Red (91%)
- Yellow (60%)
- Blue (33%)



- Cyan (0%)
- Magenta (44%)
- Yellow (64%)
- Black (9%)





- Cyan (9%)
- Magenta (49%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0129, 0.4802, 0.3802 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 34.0129, 0.4802, 0.3802 by changing the saturation by 10% instead.


 34.0129, 0.4802,
0.3802

 34.0129, 0.4802,
0.3802


320.1896, 0.3933,
0.3605

 22.9035, 0.5016,
0.3824


 65.9537, 0.4485,
0.3749

 14.5223, 0.5283,
0.3832


 87.5540, 0.4366,
0.3723


 8.4848, 0.5619,
0.3808


 113.4199, 0.4265,
0.3699

 4.4067, 0.6171,
0.3791

 143.9360, 0.4179,
0.3677

 1.9036, 0.6553,
0.3447

 179.4866, 0.4105,
0.3656

 0.5505, 0.7300,
0.2700

220.4562, 0.4040,

 0.0000, 1.0000,

0.3637

0.0000

267.2290, 0.3983,
0.3620

0.0000, 0.0000,
0.0000

34.0129, 0.4802,
0.3802

34.0129, 0.4802,
0.3802

29.8048, 0.5165,
0.3824

38.9858, 0.4448,
0.3747

26.3150, 0.5507,
0.3801

44.7561, 0.4123,
0.3670

23.4988, 0.5794,
0.3729

51.3604, 0.3835,
0.3584


22.1506, 0.5932,
0.3672

58.8317, 0.3586,
0.3494

67.2009, 0.3374,
0.3407

 76.4973, 0.3194,
0.3323

 86.7490, 0.3043,
0.3246

 95.8971, 0.2988,
0.3290

Harmonies

Analogous

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



34.0129, 0.4583, 0.3196



34.0129, 0.4802, 0.3802



34.0129, 0.4504, 0.4396

Triad

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



34.0129, 0.4802, 0.3802



34.0129, 0.2323, 0.4051



34.0129, 0.2281, 0.2041

Complementary

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



34.0129, 0.4802, 0.3802



41.9597, 0.2207, 0.2625

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.



34.0129, 0.1838, 0.2088



34.0129, 0.4802, 0.3802



34.0129, 0.1845, 0.3126

Square

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



34.0129, 0.4802, 0.3802



34.0129, 0.3059, 0.4748



34.0129, 0.1690, 0.2434



34.0129, 0.3007, 0.2242

Rectangle

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



34.0129, 0.4802, 0.3802



34.0129, 0.4098, 0.4713



34.0129, 0.1690, 0.2434



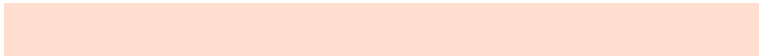
34.0129, 0.2100, 0.2027

Sweetspot

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



34.0147, 0.4802, 0.3802



78.0666, 0.3473, 0.3449



26.8425, 0.3742, 0.2226



16.0805, 0.3535, 0.3474



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.



34.0147, 0.4802, 0.3802



35.4621, 0.5277, 0.3822



61.2982, 0.4195, 0.4543



15.1219, 0.3284, 0.3366



12.4985, 0.5902, 0.3695



1.0871, 0.5617, 0.3922

Inverse Universe

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



41.9597, 0.2207, 0.2625



45.7369, 0.2080, 0.2462



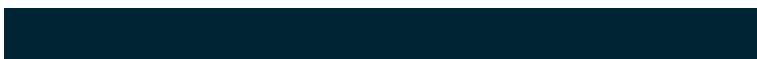
18.8911, 0.1956, 0.1556



15.5127, 0.2981, 0.3213



16.9133, 0.1946, 0.2205



1.4163, 0.1995, 0.2382

Previews

White Background



This preview shows how the Yxy color 34.0129, 0.4802, 0.3802 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 34.0129, 0.4802, 0.3802 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 34.0129, 0.4802, 0.3802

Background



This preview shows how black text looks on a background with the Yxy color 34.0129, 0.4802, 0.3802.



This preview shows how white text looks on a background with the Yxy color 34.0129, 0.4802, 0.3802.

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

34.0129, 0.4802, 0.3802

Protanopia

34.1283, 0.3888, 0.4221

Deuteranopia

34.2998, 0.4295, 0.4211



Tritanopia

34.0506, 0.4303, 0.3193

Trichromacy



Original Color

34.0129, 0.4802, 0.3802

Protanomaly

33.3704, 0.4221, 0.4066

Deuteranomaly

33.9356, 0.4481, 0.4062

Tritanomaly

33.9090, 0.4509, 0.3427

Monochromacy



Original Color

34.0129, 0.4802, 0.3802

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.6428, 0.3710, 0.3545

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0129, 0.4802, 0.3802 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, 131, 83)` looks like.

```
.text, #text, p{  
    color:rgb(232, 131, 83)  
}
```

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, 131, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 131, 83) }
```

Border

The CSS property to change the border of an element to Yxy 34.0129, 0.4802, 0.3802 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, 131, 83) }
```

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

```
.border{ border-color:rgb(232, 131, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 131, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 131, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 131, 83);  
box-shadow:4px 4px 4px 4px rgb(232, 131,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0129, 0.4802, 0.3802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 131, 83) }
```

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

```
.background{ background-color: rgb(232,  
131, 83) }
```

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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