

Converting Colors

Yxy(33.5269, 0.4661, 0.3763)

Have a look what the booklet for
Yxy(33.5269, 0.4661, 0.3763)
contains.

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Color

Yxy(33.4095, 0.4669, 0.3762)

Conversions

Conversions Part 1

Format	Color
Hex	E2845A
RGB	226, 132, 90
RGB Percent	89%, 52%, 35%
CMY	0.1137, 0.4824, 0.6471
CMYK	0.00, 0.42, 0.60, 0.11
HSL	19°, 70%, 62%
HSV	19°, 60%, 89%
XYZ	41.4644, 33.4095, 13.9339
YIQ	155.3180, 69.5060, 6.8660

Conversions

Conversions Part 2

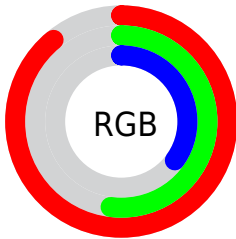
Format	Color
R _Y B	226, 151, 90
Decimal	14845018
CIE Lab	64.49, 32.27, 37.99
CIE LCh	64, 49.845, 49.658
Yxy	33.4095, 0.4669, 0.3762
Android (android.graphics.Color)	4293035098 (0xFFE2845A)
YUV	155.3180, -32.2018, 61.9881
Hunter-Lab	57.8010, 26.8980, 26.1678

Details

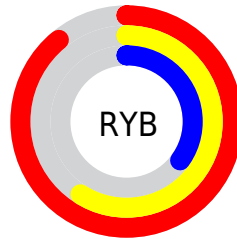
The Yxy color **33.4095, 0.4669, 0.3762** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **41.9506, 0.2260, 0.2702**, and the grayscale version is **33.0495, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.3009, 0.4103, 0.3761**, and **14.1663, 0.5124, 0.3800** is the 20% darker color. If you saturate the color by 10%, you get **29.1588, 0.5037, 0.3797**, and if you desaturate by 10%, it is **38.4151, 0.4320, 0.3700**.

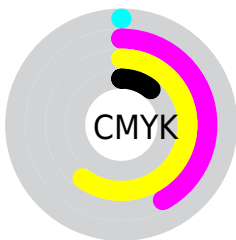
Distribution



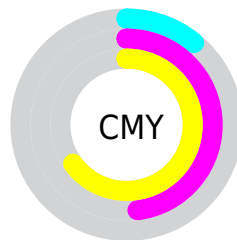
- Red (89%)
- Green (52%)
- Blue (35%)



- Red (89%)
- Yellow (59%)
- Blue (35%)



- Cyan (0%)
- Magenta (42%)
- Yellow (60%)
- Black (11%)





- Cyan (11%)
- Magenta (48%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.4095, 0.4669, 0.3762 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 33.4095, 0.4669, 0.3762 by changing the saturation by 10% instead.


 33.4095, 0.4669,
0.3762


 33.4095, 0.4669,
0.3762


317.4909, 0.3861,
0.3571

 22.4403, 0.4873,
0.3788


 65.0143, 0.4371,
0.3707


 14.1808, 0.5131,
0.3804


 86.4188, 0.4261,
0.3682

 8.2465, 0.5463,
0.3797


 112.0705, 0.4167,
0.3659

 4.2531, 0.5965,
0.3773

 142.3538, 0.4088,
0.3638

 1.8161, 0.6475,
0.3525

177.6531, 0.4019,
0.3619

 0.4972, 0.7284,
0.2716

218.3528, 0.3960,

 0.0000, 1.0000,

0.3601

0.0000

264.8373, 0.3908,
0.3586

■ 0.0000, 0.0000,
0.0000

■ 33.4095, 0.4669,
0.3762

■ 33.4095, 0.4669,
0.3762

■ 29.1588, 0.5037,
0.3797

■ 38.4151, 0.4320,
0.3700

■ 25.6187, 0.5397,
0.3791

■ 44.2064, 0.4006,
0.3622

■ 22.7477, 0.5715,
0.3738

■ 50.8185, 0.3732,
0.3537

■ 20.5262, 0.5962,
0.3648

■ 58.2830, 0.3497,
0.3452

■ 66.6295, 0.3298,
0.3369

■ 75.8863, 0.3130,
0.3291

■ 86.0803, 0.2989,
0.3220

■ 94.9114, 0.2952,
0.3289

Harmonies

Analogous

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



33.4095, 0.4442, 0.3194



33.4095, 0.4669, 0.3762



33.4095, 0.4421, 0.4310

Triad

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



33.4095, 0.4669, 0.3762



33.4095, 0.2414, 0.4011



33.4095, 0.2328, 0.2126

Complementary

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



33.4095, 0.4669, 0.3762



41.9506, 0.2260, 0.2702

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.



33.4095, 0.1920, 0.2185



33.4095, 0.4669, 0.3762



33.4095, 0.1952, 0.3177

Square

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



33.4095, 0.4669, 0.3762



33.4095, 0.3102, 0.4622



33.4095, 0.1791, 0.2526



33.4095, 0.2993, 0.2306

Rectangle

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



33.4095, 0.4669, 0.3762



33.4095, 0.4058, 0.4594



33.4095, 0.1791, 0.2526



33.4095, 0.2161, 0.2117

Sweetspot

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



33.4112, 0.4669, 0.3762



78.7905, 0.3453, 0.3434



26.9939, 0.3659, 0.2255



16.2088, 0.3516, 0.3459



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.



33.4112, 0.4669, 0.3762



37.1838, 0.5121, 0.3799



57.6696, 0.4147, 0.4462



14.3875, 0.3284, 0.3363



11.8939, 0.5934, 0.3670



0.9799, 0.5630, 0.3912

Inverse Universe

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



41.9506, 0.2260, 0.2702



49.1015, 0.2133, 0.2558



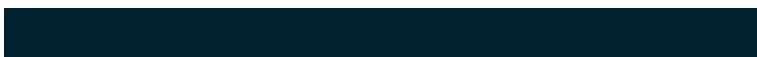
20.4336, 0.2038, 0.1712



14.8207, 0.2982, 0.3216



16.9573, 0.1959, 0.2254



1.3321, 0.2009, 0.2432

Previews

White Background



This preview shows how the Yxy color 33.4095, 0.4669, 0.3762 looks on a white background.

Color Contrast Check

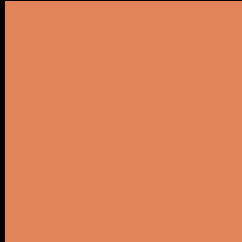
Large Text (above 18pt) WCAG AA × Fail

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 33.4095, 0.4669, 0.3762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

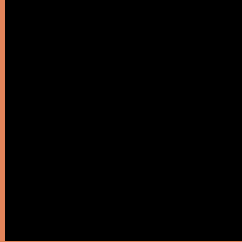
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.4095, 0.4669, 0.3762

Background



This preview shows how black text looks on a background with the Yxy color 33.4095, 0.4669, 0.3762.



This preview shows how white text looks on a background with the Yxy color 33.4095, 0.4669, 0.3762.

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

33.4095, 0.4669, 0.3762

Protanopia

33.6727, 0.3819, 0.4135

Deuteranopia

33.6910, 0.4211, 0.4133



Tritanopia

33.3290, 0.4224, 0.3189

Trichromacy



Original Color

33.4095, 0.4669, 0.3762

Protanomaly

33.1007, 0.4122, 0.3991

Deuteranomaly

33.1704, 0.4385, 0.3991

Tritanomaly

33.2642, 0.4396, 0.3397

Monochromacy



Original Color

33.4095, 0.4669, 0.3762

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.3299, 0.3656, 0.3520

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.4095, 0.4669, 0.3762 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(226, 132, 90)` looks like.

```
.text, #text, p{  
    color:rgb(226, 132, 90)  
}
```

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(226, 132, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 132, 90) }
```

Border

The CSS property to change the border of an element to Yxy 33.4095, 0.4669, 0.3762 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(226, 132, 90) }
```

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

```
.border{ border-color:rgb(226, 132, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 132, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 132, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 132, 90);  
box-shadow:4px 4px 4px 4px rgb(226, 132,  
90) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 33.4095, 0.4669, 0.3762$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 132, 90) }
```

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

```
.background{ background-color: rgb(226,  
132, 90) }
```

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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