

Converting Colors

$Y_{xy}(32.5271, 0.5136, 0.3799)$

Have a look what the booklet for
Yxy(32.5271, 0.5136, 0.3799)
contains.

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Color

Yxy(32.5271, 0.5136, 0.3799)

Conversions

Conversions Part 1

Format	Color
Hex	F17842
RGB	241, 120, 66
RGB Percent	95%, 47%, 26%
CMY	0.0549, 0.5294, 0.7411
CMYK	0.00, 0.50, 0.73, 0.05
HSL	19°, 86%, 60%
HSV	19°, 73%, 95%
XYZ	43.9745, 32.5271, 9.1185
YIQ	150.0230, 89.4500, 8.8580

Conversions

Conversions Part 2

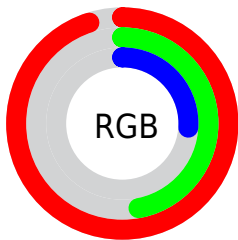
Format	Color
R _Y B	241, 144, 66
Decimal	15824962
CIE Lab	63.78, 42.85, 50.04
CIE LCh	64, 65.883, 49.426
Yxy	32.5271, 0.5136, 0.3799
Android (android.graphics.Color)	4294015042 (0xFFFF17842)
YUV	150.0230, -41.4233, 79.7868
Hunter-Lab	57.0325, 37.8242, 30.4433

Details

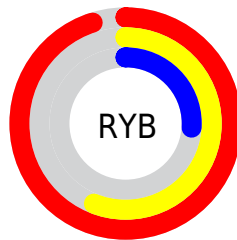
The Yxy color **32.5271, 0.5136, 0.3799** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **43.0533, 0.2129, 0.2554**, and the grayscale version is **30.6629, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.7931, 0.4380, 0.3885**, and **13.7554, 0.5676, 0.3763** is the 20% darker color. If you saturate the color by 10%, you get **28.6360, 0.5490, 0.3781**, and if you desaturate by 10%, it is **37.2389, 0.4766, 0.3774**.

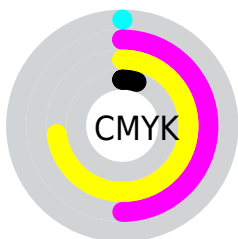
Distribution



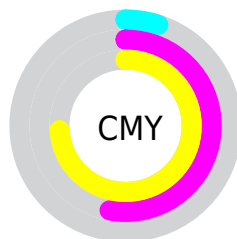
- Red (95%)
- Green (47%)
- Blue (26%)



- Red (95%)
- Yellow (56%)
- Blue (26%)



- Cyan (0%)
- Magenta (50%)
- Yellow (73%)
- Black (5%)





- Cyan (5%)
- Magenta (53%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.5271, 0.5136, 0.3799 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 32.5271, 0.5136, 0.3799 by changing the saturation by 10% instead.


 32.5271, 0.5136,
0.3799


 32.5271, 0.5136,
0.3799


313.5134, 0.4103,
0.3639

 21.7644, 0.5381,
0.3796


 63.6365, 0.4765,
0.3771


 13.6839, 0.5677,
0.3765


 84.7520, 0.4624,
0.3751


 7.9011, 0.6048,
0.3685

 110.0873, 0.4503,
0.3730

 4.0318, 0.6499,
0.3501

 140.0267, 0.4400,
0.3710

 1.6913, 0.6929,
0.3071

 174.9546, 0.4311,
0.3690

 0.4180, 0.7927,
0.2073

215.2554, 0.4233,


 0.0000, 1.0000,


0.3672


0.0000


261.3136, 0.4164,
0.3655


 0.0000, 0.0000,
0.0000


 32.5271, 0.5136,
0.3799


 32.5271, 0.5136,
0.3799


 28.6360, 0.5490,
0.3781


 37.2389, 0.4766,
0.3774

 25.5080, 0.5791,
0.3715

 42.8130, 0.4409,
0.3718


 23.6451, 0.5969,
0.3643

 49.2941, 0.4084,
0.3643


 56.7221, 0.3798,
0.3559

 65.1344, 0.3552,
0.3473

 74.5662, 0.3344,
0.3389

 85.0509, 0.3168,
0.3310

 96.3721, 0.3042,
0.3273

 97.4396, 0.3041,
0.3290

Harmonies

Analogous

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



32.5271, 0.4871, 0.3114



32.5271, 0.5136, 0.3799



32.5271, 0.4758, 0.4513

Triad

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



32.5271, 0.5136, 0.3799



32.5271, 0.2177, 0.4284



32.5271, 0.2089, 0.1826

Complementary

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



32.5271, 0.5136, 0.3799



43.0533, 0.2129, 0.2554

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.



32.5271, 0.1605, 0.1880



32.5271, 0.5136, 0.3799



32.5271, 0.1624, 0.3106

Square

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



32.5271, 0.5136, 0.3799



32.5271, 0.3044, 0.5133



32.5271, 0.1449, 0.2273



32.5271, 0.2925, 0.2047

Rectangle

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



32.5271, 0.5136, 0.3799



32.5271, 0.4269, 0.4942



32.5271, 0.1449, 0.2273



32.5271, 0.1889, 0.1812

Sweetspot

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



32.5289, 0.5136, 0.3799



74.5980, 0.3540, 0.3468



26.2515, 0.3818, 0.2116



15.3824, 0.3602, 0.3491



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.



32.5289, 0.5136, 0.3799



30.7952, 0.5639, 0.3756



63.2357, 0.4337, 0.4622



16.5543, 0.3286, 0.3363



13.0327, 0.5940, 0.3666



1.2542, 0.5683, 0.3870

Inverse Universe

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



43.0533, 0.2129, 0.2554



42.8953, 0.2017, 0.2380



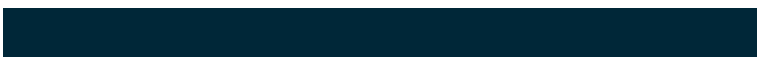
16.8206, 0.1824, 0.1347



17.0580, 0.2981, 0.3215



18.6099, 0.1959, 0.2251



1.7238, 0.2001, 0.2404

Previews

White Background



This preview shows how the Yxy color 32.5271, 0.5136, 0.3799 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 32.5271, 0.5136, 0.3799 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 32.5271, 0.5136, 0.3799

Background



This preview shows how black text looks on a background with the Yxy color 32.5271, 0.5136, 0.3799.



This preview shows how white text looks on a background with the Yxy color 32.5271, 0.5136, 0.3799.

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

32.5271, 0.5136, 0.3799

Protanopia

32.6364, 0.4022, 0.4396

Deuteranopia

32.5207, 0.4464, 0.4371



Tritanopia

32.6482, 0.4615, 0.3221

Trichromacy



Original Color

32.5271, 0.5136, 0.3799

Protanomaly

31.5628, 0.4437, 0.4163

Deuteranomaly

31.9408, 0.4718, 0.4141

Tritanomaly

32.4851, 0.4835, 0.3448

Monochromacy



Original Color

32.5271, 0.5136, 0.3799

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.8644, 0.3844, 0.3577

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5271, 0.5136, 0.3799 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(241, 120, 66)` looks like.

```
.text, #text, p{  
    color:rgb(241, 120, 66)  
}
```

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(241, 120, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 120, 66) }
```

Border

The CSS property to change the border of an element to Yxy 32.5271, 0.5136, 0.3799 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(241, 120, 66) }
```

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

```
.border{ border-color:rgb(241, 120, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 120, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 120, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 120, 66);  
box-shadow:4px 4px 4px 4px rgb(241, 120,  
66) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5271, 0.5136, 0.3799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 120, 66) }
```

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

```
.background{ background-color: rgb(241,  
120, 66) }
```

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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