

Converting Colors

$Y_{xy}(32.9294, 0.5112, 0.3887)$

Have a look what the booklet for
Yxy(32.9294, 0.5112, 0.3887)
contains.

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Color

Yxy(32.9294, 0.5112, 0.3887)

Conversions

Conversions Part 1

Format	Color
Hex	EE7C3D
RGB	238, 124, 61
RGB Percent	93%, 49%, 24%
CMY	0.0667, 0.5137, 0.7610
CMYK	0.00, 0.48, 0.74, 0.07
HSL	21°, 84%, 59%
HSV	21°, 74%, 93%
XYZ	43.3072, 32.9294, 8.4801
YIQ	150.9040, 88.1670, 4.5750

Conversions

Conversions Part 2

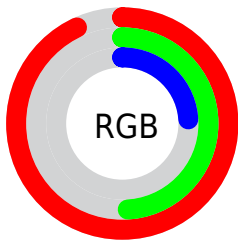
Format	Color
R _Y B	238, 159, 61
Decimal	15629373
CIE Lab	64.10, 39.47, 52.70
CIE LCh	64, 65.844, 53.165
Yxy	32.9294, 0.5112, 0.3887
Android (android.graphics.Color)	4293819453 (0xFFEE7C3D)
YUV	150.9040, -44.3227, 76.3832
Hunter-Lab	57.3841, 34.2898, 31.4071

Details

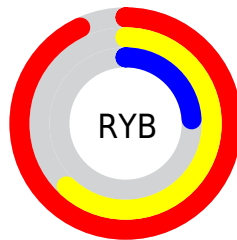
The Yxy color **32.9294, 0.5112, 0.3887** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **37.7931, 0.2082, 0.2408**, and the grayscale version is **31.0686, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.2706, 0.4386, 0.3962**, and **13.8780, 0.5639, 0.3864** is the 20% darker color. If you saturate the color by 10%, you get **29.1823, 0.5438, 0.3868**, and if you desaturate by 10%, it is **37.3904, 0.4765, 0.3859**.

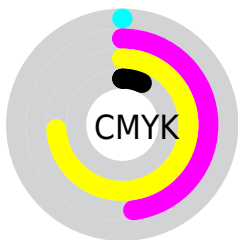
Distribution



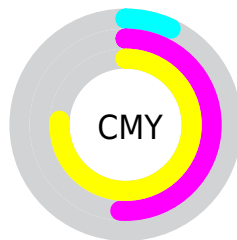
- Red (93%)
- Green (49%)
- Blue (24%)



- Red (93%)
- Yellow (62%)
- Blue (24%)



- Cyan (0%)
- Magenta (48%)
- Yellow (74%)
- Black (7%)





- Cyan (7%)
- Magenta (51%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.9294, 0.5112, 0.3887 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 32.9294, 0.5112, 0.3887 by changing the saturation by 10% instead.


 32.9294, 0.5112,
0.3887


 32.9294, 0.5112,
0.3887


315.3315, 0.4100,
0.3685


 22.0724, 0.5347,
0.3892


 64.2653, 0.4752,
0.3845


 13.9101, 0.5629,
0.3870


 85.5129, 0.4613,
0.3819


 8.0582, 0.5990,
0.3809


 110.9929, 0.4495,
0.3794

 4.1322, 0.6379,
0.3621

 141.0896, 0.4393,
0.3769

 1.7478, 0.6783,
0.3217

 176.1874, 0.4305,
0.3746

 0.4543, 0.7706,
0.2294

 216.6707, 0.4228,

 0.0000, 1.0000,

0.3724

0.0000

262.9240, 0.4160,
0.3704

■ 0.0000, 0.0000,
0.0000

■ 32.9294, 0.5112,
0.3887

■ 32.9294, 0.5112,
0.3887

■ 29.1823, 0.5438,
0.3868

■ 37.3904, 0.4765,
0.3859

■ 26.1000, 0.5714,
0.3797


■ 42.5989, 0.4426,
0.3797


■ 24.6385, 0.5845,
0.3741


■ 48.5926, 0.4111,
0.3712


■ 55.4045, 0.3830,
0.3616

■ 63.0656, 0.3586,
0.3518

 71.6053, 0.3376,
0.3421

 81.0513, 0.3197,
0.3329

 91.4303, 0.3045,
0.3243

 96.9160, 0.3023,
0.3290

Harmonies

Analogous

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



32.9294, 0.4935, 0.3198



32.9294, 0.5112, 0.3887



32.9294, 0.4673, 0.4596

Triad

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



32.9294, 0.5112, 0.3887



32.9294, 0.2092, 0.4132



32.9294, 0.2178, 0.1845

Complementary

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



32.9294, 0.5112, 0.3887



37.7931, 0.2082, 0.2408

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.



32.9294, 0.1652, 0.1862



32.9294, 0.5112, 0.3887



32.9294, 0.1588, 0.2979

Square

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



32.9294, 0.5112, 0.3887



32.9294, 0.2928, 0.5063



32.9294, 0.1457, 0.2207



32.9294, 0.3051, 0.2096

Rectangle

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



32.9294, 0.5112, 0.3887



32.9294, 0.4161, 0.5002



32.9294, 0.1457, 0.2207



32.9294, 0.1964, 0.1819

Sweetspot

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



32.9312, 0.5112, 0.3887



75.9816, 0.3534, 0.3495



24.6432, 0.3965, 0.2183



15.7058, 0.3595, 0.3522



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.



32.9312, 0.5112, 0.3887



32.2592, 0.5583, 0.3839



65.3179, 0.4290, 0.4709



16.6802, 0.3284, 0.3375



13.9681, 0.5816, 0.3764



1.3434, 0.5565, 0.3963

Inverse Universe

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



37.7931, 0.2082, 0.2408



37.7992, 0.1963, 0.2202



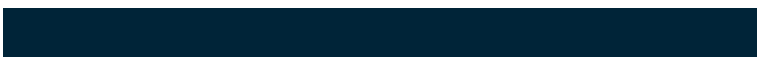
14.0608, 0.1772, 0.1198



16.9264, 0.2980, 0.3204



16.4471, 0.1911, 0.2080



1.5553, 0.1961, 0.2258

Previews

White Background



This preview shows how the Yxy color 32.9294, 0.5112, 0.3887 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 32.9294, 0.5112, 0.3887 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 32.9294, 0.5112, 0.3887

Background



This preview shows how black text looks on a background with the Yxy color 32.9294, 0.5112, 0.3887.



This preview shows how white text looks on a background with the Yxy color 32.9294, 0.5112, 0.3887.

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

32.9294, 0.5112, 0.3887

Protanopia

33.1034, 0.4089, 0.4478

Deuteranopia

33.0483, 0.4508, 0.4412



Tritanopia

32.9040, 0.4518, 0.3208

Trichromacy



Original Color

32.9294, 0.5112, 0.3887

Protanomaly

32.2221, 0.4477, 0.4241

Deuteranomaly

32.6095, 0.4743, 0.4199

Tritanomaly

32.9175, 0.4766, 0.3483

Monochromacy



Original Color

32.9294, 0.5112, 0.3887

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.4250, 0.3845, 0.3620

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9294, 0.5112, 0.3887 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(238, 124, 61)` looks like.

```
.text, #text, p{  
    color:rgb(238, 124, 61)  
}
```

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(238, 124, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 124, 61) }
```

Border

The CSS property to change the border of an element to Yxy 32.9294, 0.5112, 0.3887 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(238, 124, 61) }
```

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

```
.border{ border-color:rgb(238, 124, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 124, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 124, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 124, 61);  
box-shadow:4px 4px 4px 4px rgb(238, 124,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9294, 0.5112, 0.3887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 124, 61) }
```

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

```
.background{ background-color: rgb(238,  
124, 61) }
```

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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