

Converting Colors

$Y_{xy}(32.8772, 0.5080, 0.3828)$

Have a look what the booklet for
Yxy(32.8772, 0.5080, 0.3828)
contains.

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Color

Yxy(32.9219, 0.5082, 0.3829)

Conversions

Conversions Part 1

Format	Color
Hex	EF7B43
RGB	239, 123, 67
RGB Percent	94%, 48%, 26%
CMY	0.0627, 0.5176, 0.7372
CMYK	0.00, 0.49, 0.72, 0.06
HSL	20°, 84%, 60%
HSV	20°, 72%, 94%
XYZ	43.6952, 32.9219, 9.3633
YIQ	151.3000, 87.1120, 7.1760

Conversions

Conversions Part 2

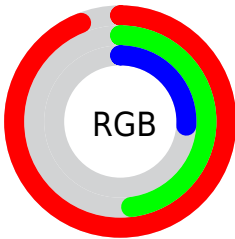
Format	Color
R _{YB}	239, 150, 67
Decimal	15694659
CIE Lab	64.10, 40.65, 49.82
CIE LCh	64, 64.298, 50.791
Yxy	32.9219, 0.5082, 0.3829
Android (android.graphics.Color)	4293884739 (0xFFEF7B43)
YUV	151.3000, -41.5599, 76.9129
Hunter-Lab	57.3776, 35.5238, 30.4890

Details

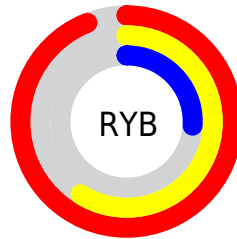
The Yxy color **32.9219, 0.5082, 0.3829** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **41.3011, 0.2125, 0.2519**, and the grayscale version is **31.2376, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0123, 0.4345, 0.3896**, and **13.8941, 0.5611, 0.3805** is the 20% darker color. If you saturate the color by 10%, you get **29.0178, 0.5430, 0.3817**, and if you desaturate by 10%, it is **37.6064, 0.4720, 0.3798**.

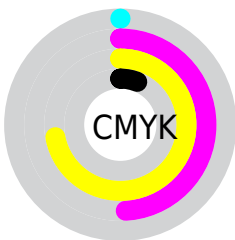
Distribution



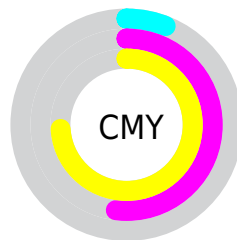
- Red (94%)
- Green (48%)
- Blue (26%)



- Red (94%)
- Yellow (59%)
- Blue (26%)



- Cyan (0%)
- Magenta (49%)
- Yellow (72%)
- Black (6%)





- Cyan (6%)
- Magenta (52%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.9219, 0.5082, 0.3829 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 32.9219, 0.5082, 0.3829 by changing the saturation by 10% instead.


 32.9219, 0.5082,
0.3829


 32.9219, 0.5082,
0.3829


315.2977, 0.4078,
0.3649


 22.0666, 0.5320,
0.3833


 64.2536, 0.4722,
0.3792


 13.9059, 0.5609,
0.3811


 85.4988, 0.4584,
0.3769


 8.0552, 0.5967,
0.3742


 110.9760, 0.4467,
0.3746

 4.1303, 0.6417,
0.3583

 141.0698, 0.4367,
0.3724

 1.7467, 0.6828,
0.3172

 176.1645, 0.4280,
0.3704

 0.4536, 0.7756,
0.2244

216.6444, 0.4204,

 0.0000, 1.0000,

0.3684

0.0000

262.8940, 0.4137,
0.3666

■ 0.0000, 0.0000,
0.0000

■ 32.9219, 0.5082,
0.3829

■ 32.9219, 0.5082,
0.3829

■ 29.0178, 0.5430,
0.3817

■ 37.6064, 0.4720,
0.3798

■ 25.8411, 0.5731,
0.3755

■ 43.1090, 0.4372,
0.3736


■ 23.7731, 0.5926,
0.3677


■ 49.4708, 0.4055,
0.3656

■ 56.7286, 0.3776,
0.3567

■ 64.9168, 0.3535,
0.3477

 74.0677, 0.3331,
0.3389

 84.2123, 0.3158,
0.3306

 95.1710, 0.3030,
0.3260

 97.0922, 0.3029,
0.3290

Harmonies

Analogous

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



32.9219, 0.4850, 0.3153



32.9219, 0.5082, 0.3829



32.9219, 0.4697, 0.4525

Triad

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



32.9219, 0.5082, 0.3829



32.9219, 0.2171, 0.4202



32.9219, 0.2144, 0.1862

Complementary

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



32.9219, 0.5082, 0.3829



41.3011, 0.2125, 0.2519

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.



32.9219, 0.1652, 0.1903



32.9219, 0.5082, 0.3829



32.9219, 0.1643, 0.3069

Square

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



32.9219, 0.5082, 0.3829



32.9219, 0.3010, 0.5055



32.9219, 0.1485, 0.2275



32.9219, 0.2976, 0.2090

Rectangle

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



32.9219, 0.5082, 0.3829



32.9219, 0.4212, 0.4930



32.9219, 0.1485, 0.2275



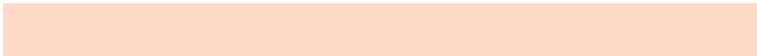
32.9219, 0.1942, 0.1844

Sweetspot

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



32.9237, 0.5082, 0.3829



75.0881, 0.3538, 0.3478



25.8514, 0.3848, 0.2148



15.4969, 0.3600, 0.3502



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.



32.9237, 0.5082, 0.3829



31.9192, 0.5569, 0.3796



63.6141, 0.4305, 0.4639



16.5990, 0.3285, 0.3367



13.3483, 0.5897, 0.3700



1.2848, 0.5641, 0.3903

Inverse Universe

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



41.3011, 0.2125, 0.2519



41.7099, 0.2009, 0.2339



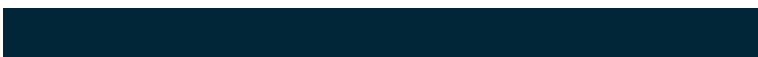
16.2637, 0.1826, 0.1331



17.0110, 0.2981, 0.3211



17.8176, 0.1942, 0.2190



1.6624, 0.1987, 0.2352

Previews

White Background



This preview shows how the Yxy color 32.9219, 0.5082, 0.3829 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 32.9219, 0.5082, 0.3829 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 32.9219, 0.5082, 0.3829

Background



This preview shows how black text looks on a background with the Yxy color 32.9219, 0.5082, 0.3829.



This preview shows how white text looks on a background with the Yxy color 32.9219, 0.5082, 0.3829.

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

32.9219, 0.5082, 0.3829

Protanopia

33.0834, 0.4025, 0.4403

Deuteranopia

32.9861, 0.4451, 0.4359



Tritanopia

32.8487, 0.4534, 0.3198

Trichromacy



Original Color

32.9219, 0.5082, 0.3829

Protanomaly

32.1633, 0.4418, 0.4186

Deuteranomaly

32.5258, 0.4689, 0.4155

Tritanomaly

32.8939, 0.4760, 0.3451

Monochromacy



Original Color

32.9219, 0.5082, 0.3829

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.4731, 0.3823, 0.3591

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9219, 0.5082, 0.3829 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(239, 123, 67)` looks like.

```
.text, #text, p{  
    color:rgb(239, 123, 67)  
}
```

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(239, 123, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 123, 67) }
```

Border

The CSS property to change the border of an element to Yxy 32.9219, 0.5082, 0.3829 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(239, 123, 67) }
```

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

```
.border{ border-color:rgb(239, 123, 67) }
```

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

Here you see how a box with a 4 pixel rgb(239, 123, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 123, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 123, 67);  
box-shadow:4px 4px 4px 4px rgb(239, 123,  
67) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9219, 0.5082, 0.3829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 123, 67) }
```

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

```
.background{ background-color: rgb(239,  
123, 67) }
```

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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