

Converting Colors

$Y_{xy}(32.2298, 0.4933, 0.3671)$

Have a look what the booklet for
Yxy(32.2298, 0.4933, 0.3671)
contains.

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Color

Yxy(32.3194, 0.4926, 0.3672)

Conversions

Conversions Part 1

Format	Color
Hex	ED7954
RGB	237, 121, 84
RGB Percent	93%, 47%, 33%
CMY	0.0707, 0.5254, 0.6706
CMYK	0.00, 0.49, 0.65, 0.07
HSL	15°, 81%, 63%
HSV	15°, 65%, 93%
XYZ	43.3566, 32.3194, 12.3398
YIQ	151.4660, 81.0130, 13.0850

Conversions

Conversions Part 2

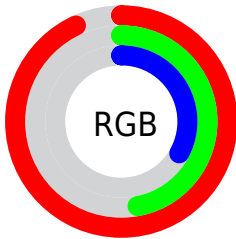
Format	Color
R _{YB}	237, 133, 84
Decimal	15563092
CIE _{Lab}	63.61, 41.77, 40.47
CIE _{LCh}	64, 58.154, 44.094
Y _{xy}	32.3194, 0.4926, 0.3672
Android (android.graphics.Color)	4293753172 (0xFFED7954)
YUV	151.4660, -33.2607, 75.0133
Hunter-Lab	56.8502, 36.6447, 26.9257

Details

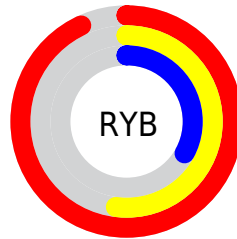
The Yxy color **32.3194, 0.4926, 0.3672** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **49.2820, 0.2244, 0.2794**, and the grayscale version is **31.2796, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.6692, 0.4212, 0.3709**, and **13.6199, 0.5461, 0.3652** is the 20% darker color. If you saturate the color by 10%, you get **28.0428, 0.5326, 0.3679**, and if you desaturate by 10%, it is **37.5379, 0.4536, 0.3635**.

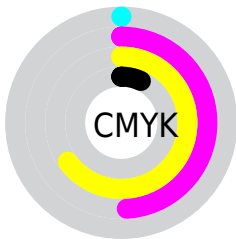
Distribution



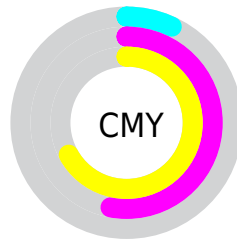
- Red (93%)
- Green (47%)
- Blue (33%)



- Red (93%)
- Yellow (52%)
- Blue (33%)



- Cyan (0%)
- Magenta (49%)
- Yellow (65%)
- Black (7%)





- Cyan (7%)
- Magenta (53%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.3194, 0.4926, 0.3672 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 32.3194, 0.4926, 0.3672 by changing the saturation by 10% instead.

 32.3194, 0.4926,
0.3672


 32.3194, 0.4926,
0.3672


312.5717, 0.3983,
0.3547

 21.6056, 0.5162,
0.3673


 63.3115, 0.4580,
0.3647


 13.5674, 0.5458,
0.3655


 84.3585, 0.4450,
0.3631


 7.8204, 0.5834,
0.3594


 109.6187, 0.4341,
0.3615

 3.9802, 0.6460,
0.3525

 139.4766, 0.4248,
0.3600

 1.6625, 0.6897,
0.3103

 174.3164, 0.4168,
0.3585

 0.3992, 0.7932,
0.2068

214.5226, 0.4098,

 0.0000, 1.0000,

0.3572

0.0000

260.4795, 0.4037,
0.3559

■ 0.0000, 0.0000,
0.0000

■ 32.3194, 0.4926,
0.3672

■ 32.3194, 0.4926,
0.3672

■ 28.0428, 0.5326,
0.3679

■ 37.5379, 0.4536,
0.3635

■ 24.6444, 0.5696,
0.3646

■ 43.7461, 0.4181,
0.3580


■ 22.0601, 0.5993,
0.3573

■ 50.9947, 0.3870,
0.3515


■ 20.9621, 0.6119,
0.3524

■ 59.3295, 0.3606,
0.3447

■ 68.7933, 0.3385,
0.3380

 79.4265, 0.3201,
0.3317

 91.2676, 0.3047,
0.3259

 96.7403, 0.3017,
0.3290

Harmonies

Analogous

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



32.3194, 0.4566, 0.3043



32.3194, 0.4926, 0.3672



32.3194, 0.4703, 0.4318

Triad

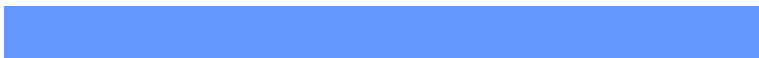
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



32.3194, 0.4926, 0.3672



32.3194, 0.2414, 0.4330



32.3194, 0.2091, 0.1949

Complementary

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



32.3194, 0.4926, 0.3672



49.2820, 0.2244, 0.2794

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.



32.3194, 0.1696, 0.2058



32.3194, 0.4926, 0.3672



32.3194, 0.1839, 0.3315

Square

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



32.3194, 0.4926, 0.3672



32.3194, 0.3231, 0.4953



32.3194, 0.1607, 0.2495



32.3194, 0.2799, 0.2108

Rectangle

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



32.3194, 0.4926, 0.3672



32.3194, 0.4310, 0.4704



32.3194, 0.1607, 0.2495



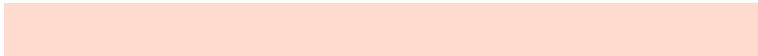
32.3194, 0.1924, 0.1953

Sweetspot

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



32.3211, 0.4926, 0.3672



76.0297, 0.3480, 0.3410



28.5708, 0.3588, 0.2107



15.5945, 0.3545, 0.3429



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.



32.3211, 0.4926, 0.3672



31.9164, 0.5432, 0.3674



58.2020, 0.4293, 0.4438



15.6460, 0.3287, 0.3348



11.6180, 0.6091, 0.3545



1.0587, 0.5824, 0.3758

Inverse Universe

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



49.2820, 0.2244, 0.2794



52.9950, 0.2136, 0.2678



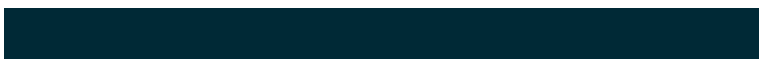
22.6122, 0.1989, 0.1714



16.4682, 0.2981, 0.3232



21.2944, 0.2025, 0.2489



1.8197, 0.2059, 0.2613

Previews

White Background



This preview shows how the Yxy color 32.3194, 0.4926, 0.3672 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 32.3194, 0.4926, 0.3672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

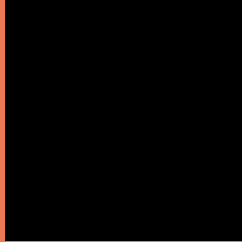
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.3194, 0.4926, 0.3672

Background



This preview shows how black text looks on a background with the Yxy color 32.3194, 0.4926, 0.3672.



This preview shows how white text looks on a background with the Yxy color 32.3194, 0.4926, 0.3672.

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

32.3194, 0.4926, 0.3672

Protanopia

32.7222, 0.3836, 0.4157

Deuteranopia

32.3791, 0.4276, 0.4185



Tritanopia

32.2967, 0.4517, 0.3208

Trichromacy



Original Color

32.3194, 0.4926, 0.3672

Protanomaly

31.8870, 0.4230, 0.3967

Deuteranomaly

32.0364, 0.4516, 0.3985

Tritanomaly

32.2381, 0.4680, 0.3391

Monochromacy



Original Color

32.3194, 0.4926, 0.3672

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.2336, 0.3738, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3194, 0.4926, 0.3672 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(237, 121, 84)` looks like.

```
.text, #text, p{  
    color:rgb(237, 121, 84)  
}
```

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(237, 121, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 121, 84) }
```

Border

The CSS property to change the border of an element to Yxy 32.3194, 0.4926, 0.3672 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(237, 121, 84) }
```

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

```
.border{ border-color:rgb(237, 121, 84) }
```

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

Here you see how a box with a 4 pixel rgb(237, 121, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 121, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 121, 84);  
box-shadow:4px 4px 4px 4px rgb(237, 121,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 32.3194, 0.4926, 0.3672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 121, 84) }
```

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

```
.background{ background-color: rgb(237,  
121, 84) }
```

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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