

Converting Colors

$Y_{xy}(32.3735, 0.4901, 0.3947)$

Have a look what the booklet for
Yxy(32.3735, 0.4901, 0.3947)
contains.

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Color

Yxy(32.5393, 0.4900, 0.3951)

Conversions

Conversions Part 1

Format	Color
Hex	E28243
RGB	226, 130, 67
RGB Percent	89%, 51%, 26%
CMY	0.1138, 0.4901, 0.7373
CMYK	0.00, 0.42, 0.70, 0.11
HSL	24°, 73%, 57%
HSV	24°, 70%, 89%
XYZ	40.3550, 32.5393, 9.4628
YIQ	151.5220, 77.4390, 0.7590

Conversions

Conversions Part 2

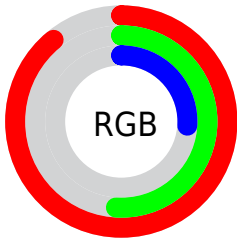
Format	Color
R _Y B	226, 171, 67
Decimal	14844483
CIE Lab	63.79, 31.89, 48.97
CIE LCh	64, 58.442, 56.925
Yxy	32.5393, 0.4900, 0.3951
Android (android.graphics.Color)	4293034563 (0xFFE28243)
YUV	151.5220, -41.6693, 65.3172
Hunter-Lab	57.0432, 26.4534, 30.0947

Details

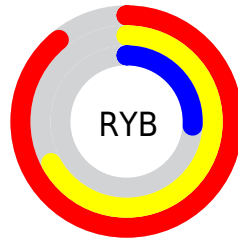
The Yxy color **32.5393, 0.4900, 0.3951** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **32.8613, 0.2100, 0.2369**, and the grayscale version is **31.3420, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.8490, 0.4300, 0.3965**, and **13.6287, 0.5384, 0.3987** is the 20% darker color. If you saturate the color by 10%, you get **28.9288, 0.5218, 0.3961**, and if you desaturate by 10%, it is **36.7401, 0.4574, 0.3898**.

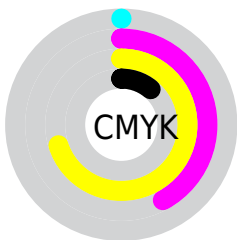
Distribution



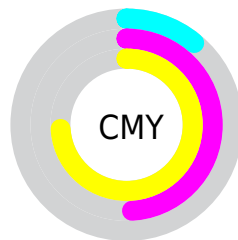
- Red (89%)
- Green (51%)
- Blue (26%)



- Red (89%)
- Yellow (67%)
- Blue (26%)



- Cyan (0%)
- Magenta (42%)
- Yellow (70%)
- Black (11%)





- Cyan (11%)
- Magenta (49%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.5393, 0.4900, 0.3951 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 32.5393, 0.4900, 0.3951 by changing the saturation by 10% instead.


 32.5393, 0.4900,
0.3951


 32.5393, 0.4900,
0.3951


313.5687, 0.3988,
0.3692


 21.7738, 0.5117,
0.3979


 63.6556, 0.4572,
0.3881


 13.6908, 0.5382,
0.3990


 84.7751, 0.4447,
0.3847


 7.9059, 0.5710,
0.3964


 110.1148, 0.4341,
0.3815

 4.0348, 0.6132,
0.3868

 140.0589, 0.4249,
0.3786

 1.6930, 0.6490,
0.3510

 174.9920, 0.4171,
0.3759

 0.4191, 0.7448,
0.2552

215.2984, 0.4102,

 0.0000, 1.0000,

0.3734

0.0000

261.3625, 0.4041,
0.3712

■ 0.0000, 0.0000,
0.0000

■ 32.5393, 0.4900,
0.3951

■ 32.5393, 0.4900,
0.3951

■ 28.9288, 0.5218,
0.3961

■ 36.7401, 0.4574,
0.3898

■ 25.8714, 0.5502,
0.3918

■ 41.5547, 0.4260,
0.3815


■ 23.4075, 0.5729,
0.3833


■ 47.0113, 0.3972,
0.3715

■ 53.1346, 0.3716,
0.3607

■ 59.9479, 0.3492,
0.3498

 67.4730, 0.3298,
0.3393

 75.7311, 0.3133,
0.3293

 84.7421, 0.2991,
0.3201

 93.4949, 0.2952,
0.3267

Harmonies

Analogous

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



32.5393, 0.4798, 0.3306



32.5393, 0.4900, 0.3951



32.5393, 0.4471, 0.4578

Triad

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



32.5393, 0.4900, 0.3951



32.5393, 0.2125, 0.3906



32.5393, 0.2355, 0.1984

Complementary

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



32.5393, 0.4900, 0.3951



32.8613, 0.2100, 0.2369

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.



32.5393, 0.1824, 0.1972



32.5393, 0.4900, 0.3951



32.5393, 0.1694, 0.2918

Square

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



32.5393, 0.4900, 0.3951



32.5393, 0.2864, 0.4778



32.5393, 0.1604, 0.2260



32.5393, 0.3183, 0.2246

Rectangle

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



32.5393, 0.4900, 0.3951



32.5393, 0.3994, 0.4892



32.5393, 0.1604, 0.2260



32.5393, 0.2142, 0.1950

Sweetspot

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



32.5410, 0.4900, 0.3951



78.1018, 0.3508, 0.3507



22.8970, 0.3977, 0.2268



16.1684, 0.3568, 0.3537



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.



32.5410, 0.4900, 0.3951



36.2671, 0.5343, 0.3950



61.4055, 0.4199, 0.4707



14.5876, 0.3282, 0.3383



13.5734, 0.5701, 0.3856



1.1121, 0.5418, 0.4080

Inverse Universe

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



32.8613, 0.2100, 0.2369



36.4694, 0.1965, 0.2149



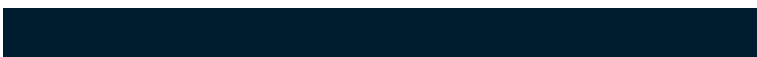
13.2658, 0.1822, 0.1251



14.6128, 0.2981, 0.3195



13.4820, 0.1873, 0.1941



1.1078, 0.1936, 0.2171

Previews

White Background



This preview shows how the Yxy color 32.5393, 0.4900, 0.3951 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 32.5393, 0.4900, 0.3951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

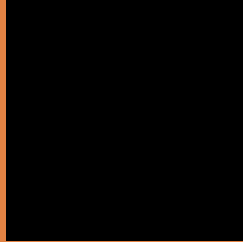
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.5393, 0.4900, 0.3951

Background



This preview shows how black text looks on a background with the Yxy color 32.5393, 0.4900, 0.3951.



This preview shows how white text looks on a background with the Yxy color 32.5393, 0.4900, 0.3951.

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

32.5393, 0.4900, 0.3951

Protanopia

32.7213, 0.4048, 0.4415

Deuteranopia

32.5638, 0.4436, 0.4335



Tritanopia

32.6549, 0.4287, 0.3190

Trichromacy



Original Color

32.5393, 0.4900, 0.3951

Protanomaly

32.2321, 0.4365, 0.4240

Deuteranomaly

32.3991, 0.4612, 0.4194

Tritanomaly

32.6624, 0.4548, 0.3497

Monochromacy



Original Color

32.5393, 0.4900, 0.3951

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.9107, 0.3753, 0.3624

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5393, 0.4900, 0.3951 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, 130, 67)` looks like.

```
.text, #text, p{  
    color:rgb(226, 130, 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(226, 130, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 130, 67) }
```

Border

The CSS property to change the border of an element to Yxy 32.5393, 0.4900, 0.3951 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, 130, 67) }
```

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

```
.border{ border-color:rgb(226, 130, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 130, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 130, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 130, 67);  
box-shadow:4px 4px 4px 4px rgb(226, 130,  
67) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5393, 0.4900, 0.3951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 130, 67) }
```

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

```
.background{ background-color: rgb(226,  
130, 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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