

Converting Colors

$Y_{xy}(32.1124, 0.4694, 0.3663)$

Have a look what the booklet for
Yxy(32.1124, 0.4694, 0.3663)
contains.

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Color

Yxy(32.0429, 0.4697, 0.3661)

Conversions

Conversions Part 1

Format	Color
Hex	E37E5D
RGB	227, 126, 93
RGB Percent	89%, 49%, 36%
CMY	0.1099, 0.5058, 0.6353
CMYK	0.00, 0.44, 0.59, 0.11
HSL	15°, 71%, 63%
HSV	15°, 59%, 89%
XYZ	41.1105, 32.0429, 14.3716
YIQ	152.4370, 70.7890, 11.1490

Conversions

Conversions Part 2

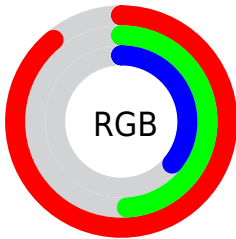
Format	Color
R _Y B	227, 137, 93
Decimal	14909021
CIE Lab	63.38, 35.98, 35.03
CIE LCh	63, 50.217, 44.231
Yxy	32.0429, 0.4697, 0.3661
Android (android.graphics.Color)	4293099101 (0xFFE37E5D)
YUV	152.4370, -29.3024, 65.3918
Hunter-Lab	56.6064, 30.5745, 24.5716

Details

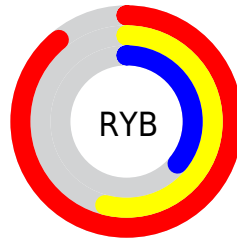
The Yxy color **32.0429, 0.4697, 0.3661** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **46.4341, 0.2300, 0.2836**, and the grayscale version is **31.7059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.9161, 0.4108, 0.3669**, and **13.4449, 0.5180, 0.3676** is the 20% darker color. If you saturate the color by 10%, you get **27.6931, 0.5092, 0.3687**, and if you desaturate by 10%, it is **37.2632, 0.4327, 0.3612**.

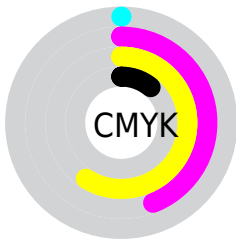
Distribution



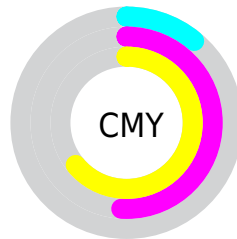
- Red (89%)
- Green (49%)
- Blue (36%)



- Red (89%)
- Yellow (54%)
- Blue (36%)



- Cyan (0%)
- Magenta (44%)
- Yellow (59%)
- Black (11%)





- Cyan (11%)
- Magenta (51%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.0429, 0.4697, 0.3661 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 32.0429, 0.4697, 0.3661 by changing the saturation by 10% instead.


 32.0429, 0.4697,
0.3661


 32.0429, 0.4697,
0.3661


311.3146, 0.3866,
0.3521

 21.3943, 0.4911,
0.3674


 62.8783, 0.4388,
0.3625


 13.4125, 0.5184,
0.3676


 83.8339, 0.4274,
0.3606

 7.7132, 0.5541,
0.3649


 108.9940, 0.4178,
0.3589

 3.9120, 0.6073,
0.3589

 138.7428, 0.4097,
0.3573

 1.6245, 0.6681,
0.3319

173.4650, 0.4027,
0.3558

 0.3740, 0.7763,
0.2237

213.5447, 0.3966,

 0.0000, 1.0000,

0.3545

0.0000

259.3665, 0.3913,
0.3532

0.0000, 0.0000,
0.0000

32.0429, 0.4697,
0.3661

32.0429, 0.4697,
0.3661

27.6931, 0.5092,
0.3687

37.2632, 0.4327,
0.3612

24.1598, 0.5482,
0.3678

43.3938, 0.3999,
0.3549

21.3905, 0.5824,
0.3628

50.4782, 0.3716,
0.3480

19.3193, 0.6083,
0.3542

58.5553, 0.3478,
0.3412

19.1514, 0.6105,
0.3534

67.6620, 0.3278,
0.3346

■ 77.8332, 0.3112,
0.3284

■ 89.1021, 0.2974,
0.3228

■ 95.0678, 0.2958,
0.3290

Harmonies

Analogous

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



32.0429, 0.4377, 0.3090



32.0429, 0.4697, 0.3661



32.0429, 0.4522, 0.4231

Triad

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



32.0429, 0.4697, 0.3661



32.0429, 0.2512, 0.4173



32.0429, 0.2216, 0.2096

Complementary

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



32.0429, 0.4697, 0.3661



46.4341, 0.2300, 0.2836

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.



32.0429, 0.1853, 0.2203



32.0429, 0.4697, 0.3661



32.0429, 0.1992, 0.3322

Square

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



32.0429, 0.4697, 0.3661



32.0429, 0.3237, 0.4709



32.0429, 0.1774, 0.2605



32.0429, 0.2851, 0.2239

Rectangle

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



32.0429, 0.4697, 0.3661



32.0429, 0.4186, 0.4551



32.0429, 0.1774, 0.2605



32.0429, 0.2064, 0.2102

Sweetspot

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



32.0446, 0.4697, 0.3661



77.2726, 0.3458, 0.3406



28.1275, 0.3536, 0.2185



15.8433, 0.3522, 0.3425



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.



32.0446, 0.4697, 0.3661



34.8473, 0.5188, 0.3688



54.4888, 0.4189, 0.4361



14.9421, 0.3286, 0.3349



11.3256, 0.6080, 0.3554



0.9808, 0.5796, 0.3780

Inverse Universe

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



46.4341, 0.2300, 0.2836



54.9507, 0.2180, 0.2722



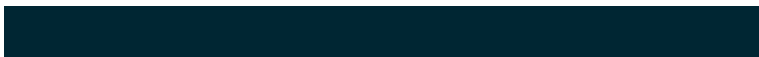
23.4989, 0.2087, 0.1872



15.7029, 0.2981, 0.3231



20.4232, 0.2021, 0.2474



1.6528, 0.2058, 0.2607

Previews

White Background



This preview shows how the Yxy color 32.0429, 0.4697, 0.3661 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 32.0429, 0.4697, 0.3661 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 32.0429, 0.4697, 0.3661

Background



This preview shows how black text looks on a background with the Yxy color 32.0429, 0.4697, 0.3661.



This preview shows how white text looks on a background with the Yxy color 32.0429, 0.4697, 0.3661.

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

32.0429, 0.4697, 0.3661

Protanopia

32.3262, 0.3745, 0.4037

Deuteranopia

32.1535, 0.4153, 0.4080



Tritanopia

31.9445, 0.4312, 0.3190

Trichromacy



Original Color

32.0429, 0.4697, 0.3661

Protanomaly

31.6854, 0.4088, 0.3894

Deuteranomaly

31.7600, 0.4368, 0.3915

Tritanomaly

31.9443, 0.4451, 0.3363

Monochromacy



Original Color

32.0429, 0.4697, 0.3661

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.8673, 0.3649, 0.3465

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0429, 0.4697, 0.3661 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(227, 126, 93)` looks like.

```
.text, #text, p{  
    color:rgb(227, 126, 93)  
}
```

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(227, 126, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 126, 93) }
```

Border

The CSS property to change the border of an element to Yxy 32.0429, 0.4697, 0.3661 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(227, 126, 93) }
```

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

```
.border{ border-color:rgb(227, 126, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 126, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 126, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 126, 93);  
box-shadow:4px 4px 4px 4px rgb(227, 126,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0429, 0.4697, 0.3661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 126, 93) }
```

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

```
.background{ background-color: rgb(227,  
126, 93) }
```

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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