

Converting Colors

Yxy(31.4634, 0.4680, 0.3444)

Have a look what the booklet for
Yxy(31.4634, 0.4680, 0.3444)
contains.

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Color

Yxy(31.5372, 0.4673, 0.3447)

Conversions

Conversions Part 1

Format	Color
Hex	E97769
RGB	233, 119, 105
RGB Percent	91%, 47%, 41%
CMY	0.0862, 0.5333, 0.5882
CMYK	0.00, 0.49, 0.55, 0.09
HSL	7°, 74%, 66%
HSV	7°, 55%, 91%
XYZ	42.7541, 31.5372, 17.2004
YIQ	151.4900, 72.4380, 19.8140

Conversions

Conversions Part 2

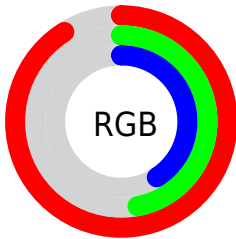
Format	Color
R _Y B	233, 121, 105
Decimal	15300457
CIE Lab	62.96, 42.77, 28.02
CIE LCh	63, 51.127, 33.232
Yxy	31.5372, 0.4673, 0.3447
Android (android.graphics.Color)	4293490537 (0xFFE97769)
YUV	151.4900, -22.9196, 71.4843
Hunter-Lab	56.1580, 37.6188, 21.1509

Details

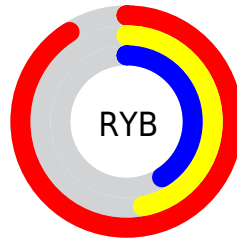
The Yxy color **31.5372, 0.4673, 0.3447** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **59.5620, 0.2394, 0.3108**, and the grayscale version is **31.2462, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5474, 0.4032, 0.3472**, and **13.2040, 0.5168, 0.3411** is the 20% darker color. If you saturate the color by 10%, you get **26.7113, 0.5117, 0.3459**, and if you desaturate by 10%, it is **37.5762, 0.4270, 0.3424**.

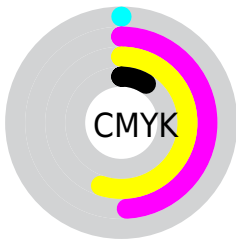
Distribution



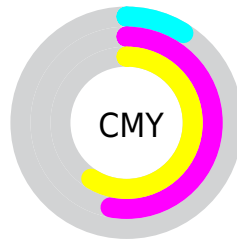
- Red (91%)
- Green (47%)
- Blue (41%)



- Red (91%)
- Yellow (47%)
- Blue (41%)



- Cyan (0%)
- Magenta (49%)
- Yellow (55%)
- Black (9%)




- Cyan (9%)
- Magenta (53%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.5372, 0.4673, 0.3447 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 31.5372, 0.4673, 0.3447 by changing the saturation by 10% instead.


 31.5372, 0.4673,
0.3447


 31.5372, 0.4673,
0.3447


309.0056, 0.3847,
0.3411


 21.0083, 0.4891,
0.3438


 62.0849, 0.4363,
0.3446

 13.1300, 0.5174,
0.3414


 82.8724, 0.4249,
0.3442

 7.5182, 0.5552,
0.3358

 107.8482, 0.4154,
0.3437

 3.7882, 0.6074,
0.3236

 137.3967, 0.4074,
0.3432

 1.5558, 0.6970,
0.3030

171.9023, 0.4005,
0.3426

 0.3275, 0.8175,
0.1825

211.7494, 0.3945,

 0.0000, 1.0000,

0.3421

0.0000

257.3224, 0.3893,
0.3416

■ 0.0000, 0.0000,
0.0000

■ 31.5372, 0.4673,
0.3447

■ 31.5372, 0.4673,
0.3447

■ 26.7113, 0.5117,
0.3459

■ 37.5762, 0.4270,
0.3424

■ 23.0117, 0.5564,
0.3454

■ 44.8976, 0.3924,
0.3394

■ 20.3476, 0.5956,
0.3427

■ 53.5715, 0.3636,
0.3363

■ 18.6122, 0.6232,
0.3381

■ 63.6612, 0.3400,
0.3333

■ 18.0409, 0.6325,
0.3360

■ 75.2263, 0.3208,
0.3304

■ 88.3228, 0.3052,
0.3277

■ 96.0656, 0.2993,
0.3290

Harmonies

Analogous

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



31.5372, 0.4170, 0.2885



31.5372, 0.4673, 0.3447



31.5372, 0.4671, 0.4038

Triad

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



31.5372, 0.4673, 0.3447



31.5372, 0.2753, 0.4461



31.5372, 0.2029, 0.2081

Complementary

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



31.5372, 0.4673, 0.3447



59.5620, 0.2394, 0.3108

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.



31.5372, 0.1766, 0.2292



31.5372, 0.4673, 0.3447



31.5372, 0.2128, 0.3645

Square

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



31.5372, 0.4673, 0.3447



31.5372, 0.3521, 0.4794



31.5372, 0.1792, 0.2821



31.5372, 0.2577, 0.2139

Rectangle

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



31.5372, 0.4673, 0.3447



31.5372, 0.4413, 0.4405



31.5372, 0.1792, 0.2821



31.5372, 0.1909, 0.2119

Sweetspot

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



31.5389, 0.4673, 0.3447



76.6106, 0.3425, 0.3336



32.6089, 0.3316, 0.2095



15.8274, 0.3471, 0.3342



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.



31.5389, 0.4673, 0.3447



32.0655, 0.5180, 0.3460



51.7239, 0.4223, 0.4133



15.3190, 0.3290, 0.3316



10.3226, 0.6309, 0.3372



0.8989, 0.6118, 0.3524

Inverse Universe

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



59.5620, 0.2394, 0.3108



69.5723, 0.2296, 0.3065



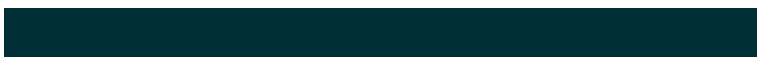
32.7349, 0.2210, 0.2228



16.8242, 0.2981, 0.3263



28.9199, 0.2151, 0.2943



2.3514, 0.2165, 0.2995

Previews

White Background



This preview shows how the Yxy color 31.5372, 0.4673, 0.3447 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 31.5372, 0.4673, 0.3447 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 31.5372, 0.4673, 0.3447

Background



This preview shows how black text looks on a background with the Yxy color 31.5372, 0.4673, 0.3447.



This preview shows how white text looks on a background with the Yxy color 31.5372, 0.4673, 0.3447.

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

31.5372, 0.4673, 0.3447

Protanopia

31.9251, 0.3551, 0.3793

Deuteranopia

31.6682, 0.4019, 0.3935



Tritanopia

31.4384, 0.4467, 0.3205

Trichromacy



Original Color

31.5372, 0.4673, 0.3447

Protanomaly

30.9789, 0.3935, 0.3654

Deuteranomaly

31.1242, 0.4264, 0.3732

Tritanomaly

31.4994, 0.4550, 0.3294

Monochromacy



Original Color

31.5372, 0.4673, 0.3447

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.0102, 0.3653, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5372, 0.4673, 0.3447 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(233, 119, 105)` looks like.

```
.text, #text, p{  
    color:rgb(233, 119, 105)  
}
```

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(233, 119, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 119, 105) }
```

Border

The CSS property to change the border of an element to Yxy 31.5372, 0.4673, 0.3447 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(233, 119, 105) }
```

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

```
.border{ border-color:rgb(233, 119, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 119, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 119, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 119, 105);  
box-shadow:4px 4px 4px 4px rgb(233, 119,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5372, 0.4673, 0.3447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 119, 105) }
```

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

```
.background{ background-color: rgb(233,  
119, 105) }
```

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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