

Converting Colors

$Y_{xy}(27.8915, 0.4815, 0.3371)$

Have a look what the booklet for
Yxy(27.8915, 0.4815, 0.3371)
contains.

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Color

Yxy(28.0319, 0.4814, 0.3370)

Conversions

Conversions Part 1

Format	Color
Hex	E66A63
RGB	230, 106, 99
RGB Percent	90%, 42%, 39%
CMY	0.0980, 0.5843, 0.6117
CMYK	0.00, 0.54, 0.57, 0.10
HSL	3°, 72%, 65%
HSV	3°, 57%, 90%
XYZ	40.0432, 28.0319, 15.1056
YIQ	142.2780, 76.1510, 24.1110

Conversions

Conversions Part 2

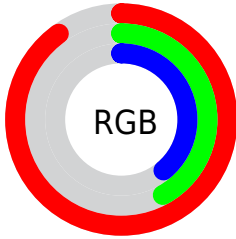
Format	Color
R _Y B	230, 106, 99
Decimal	15100515
CIE Lab	59.92, 47.60, 27.36
CIE LCh	60, 54.900, 29.888
Yxy	28.0319, 0.4814, 0.3370
Android (android.graphics.Color)	4293290595 (0xFFE66A63)
YUV	142.2780, -21.3361, 76.9322
Hunter-Lab	52.9452, 42.3481, 20.1458

Details

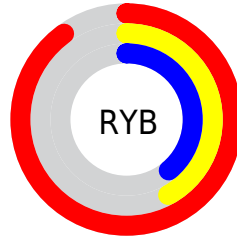
The Yxy color **28.0319, 0.4814, 0.3370** is a dark color, and the websafe version is hex **FF6666**. A complement of this color would be **61.1561, 0.2396, 0.3198**, and the grayscale version is **27.2298, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.6036, 0.4147, 0.3398**, and **11.1389, 0.5389, 0.3297** is the 20% darker color. If you saturate the color by 10%, you get **23.7222, 0.5281, 0.3374**, and if you desaturate by 10%, it is **33.6090, 0.4382, 0.3360**.

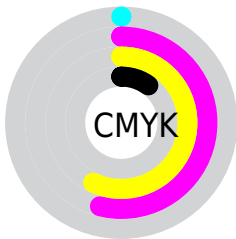
Distribution



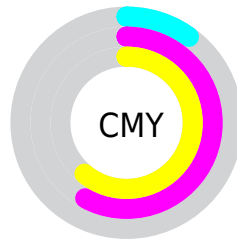
- Red (90%)
- Green (42%)
- Blue (39%)



- Red (90%)
- Yellow (42%)
- Blue (39%)



- Cyan (0%)
- Magenta (54%)
- Yellow (57%)
- Black (10%)





- Cyan (10%)
- Magenta (58%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.0319, 0.4814, 0.3370 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 28.0319, 0.4814, 0.3370 by changing the saturation by 10% instead.


 28.0319, 0.4814,
0.3370


 28.0319, 0.4814,
0.3370

292.6193, 0.3898,
0.3380

 18.3497, 0.5060,
0.3345


 56.5354, 0.4466,
0.3389


 11.2014, 0.5383,
0.3298


 76.1254, 0.4340,
0.3391

 6.2024, 0.5816,
0.3206

 99.7869, 0.4235,
0.3391

 2.9686, 0.6459,
0.3041

 127.9042, 0.4146,
0.3390

 1.1153, 0.7338,
0.2662

160.8617, 0.4070,
0.3388

 0.0000, 1.0000,
0.0000


199.0438, 0.4005,


 0.0000, 0.0000,

0.3385


0.0000


242.8349, 0.3948,
0.3383


 28.0319, 0.4814,
0.3370


 28.0319, 0.4814,
0.3370


 23.7222, 0.5281,
0.3374


 33.6090, 0.4382,
0.3360


 20.5765, 0.5733,
0.3368


 40.5373, 0.4009,
0.3345


 18.4825, 0.6101,
0.3351

 48.8990, 0.3700,
0.3330

 17.3031, 0.6326,
0.3326

 58.7683, 0.3448,
0.3314

 17.0951, 0.6371,
0.3323

 70.2141, 0.3245,
0.3300

■ 83.3014, 0.3081,
0.3286

■ 95.5655, 0.2976,
0.3290

Harmonies

Analogous

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



28.0319, 0.4198, 0.2774



28.0319, 0.4814, 0.3370



28.0319, 0.4859, 0.4011

Triad

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



28.0319, 0.4814, 0.3370



28.0319, 0.2788, 0.4695



28.0319, 0.1875, 0.1975

Complementary

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



28.0319, 0.4814, 0.3370



61.1561, 0.2396, 0.3198

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.



28.0319, 0.1627, 0.2229



28.0319, 0.4814, 0.3370



28.0319, 0.2080, 0.3796

Square

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



28.0319, 0.4814, 0.3370



28.0319, 0.3635, 0.4970



28.0319, 0.1686, 0.2843



28.0319, 0.2433, 0.2012

Rectangle

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



28.0319, 0.4814, 0.3370



28.0319, 0.4594, 0.4430



28.0319, 0.1686, 0.2843



28.0319, 0.1759, 0.2024

Sweetspot

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



28.0334, 0.4814, 0.3370



74.0701, 0.3451, 0.3314



31.1030, 0.3255, 0.2006



15.2822, 0.3498, 0.3318



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.



28.0334, 0.4814, 0.3370



29.3198, 0.5348, 0.3374



46.8752, 0.4317, 0.4091



14.4906, 0.3291, 0.3303



9.7310, 0.6361, 0.3332



0.7629, 0.6251, 0.3419

Inverse Universe

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



61.1561, 0.2396, 0.3198



74.7549, 0.2311, 0.3177



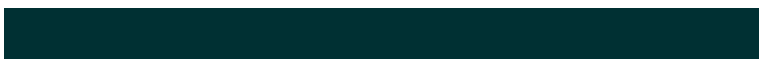
32.8069, 0.2198, 0.2278



16.1977, 0.2982, 0.3277



31.6019, 0.2201, 0.3123



2.3758, 0.2208, 0.3149

Previews

White Background



This preview shows how the Yxy color 28.0319, 0.4814, 0.3370 looks on a white background.

Color Contrast Check

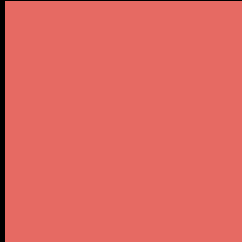
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0319, 0.4814, 0.3370 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 × Fail

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

Yxy 28.0319, 0.4814, 0.3370

Background



This preview shows how black text looks on a background with the Yxy color 28.0319, 0.4814, 0.3370.



This preview shows how white text looks on a background with the Yxy color 28.0319, 0.4814, 0.3370.

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

28.0319, 0.4814, 0.3370

Protanopia

28.3818, 0.3520, 0.3755

Deuteranopia

27.9659, 0.4032, 0.3954



Tritanopia

28.0373, 0.4681, 0.3218

Trichromacy



Original Color

28.0319, 0.4814, 0.3370

Protanomaly

27.3035, 0.3979, 0.3595

Deuteranomaly

27.2173, 0.4329, 0.3708

Tritanomaly

28.1536, 0.4727, 0.3273

Monochromacy



Original Color

28.0319, 0.4814, 0.3370

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.2055, 0.3701, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0319, 0.4814, 0.3370 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(230, 106, 99)` looks like.

```
.text, #text, p{  
    color:rgb(230, 106, 99)  
}
```

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(230, 106, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 106, 99) }
```

Border

The CSS property to change the border of an element to Yxy 28.0319, 0.4814, 0.3370 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(230, 106, 99) }
```

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

```
.border{ border-color:rgb(230, 106, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 106, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 106, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 106, 99);  
box-shadow:4px 4px 4px 4px rgb(230, 106,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0319, 0.4814, 0.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 106, 99) }
```

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

```
.background{ background-color: rgb(230,  
106, 99) }
```

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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