

Converting Colors

$Yxy(29.9135, 0.4817, 0.3318)$

Have a look what the booklet for
Yxy(29.9135, 0.4817, 0.3318)
contains.

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Color

Yxy(29.8860, 0.4815, 0.3316)

Conversions

Conversions Part 1

Format	Color
Hex	EF6B69
RGB	239, 107, 105
RGB Percent	94%, 42%, 41%
CMY	0.0629, 0.5803, 0.5883
CMYK	0.00, 0.55, 0.56, 0.06
HSL	1°, 81%, 67%
HSV	1°, 56%, 94%
XYZ	43.3960, 29.8860, 16.8447
YIQ	146.2400, 79.3140, 27.3620

Conversions

Conversions Part 2

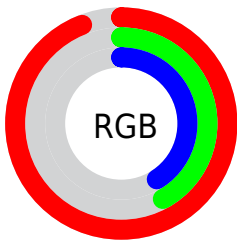
Format	Color
R_{YB}	239, 107, 105
Decimal	15690601
CIE _{Lab}	61.56, 50.72, 26.35
CIE _{LCh}	62, 57.157, 27.454
Yxy	29.8860, 0.4815, 0.3316
Android (android.graphics.Color)	4293880681 (0xFFEF6B69)
YUV	146.2400, -20.3313, 81.3505
Hunter-Lab	54.6681, 46.0256, 19.9989

Details

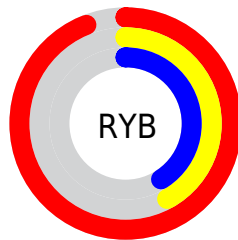
The Yxy color **29.8860, 0.4815, 0.3316** is a dark color, and the websafe version is hex **FF6666**. A complement of this color would be **69.7607, 0.2416, 0.3263**, and the grayscale version is **28.9127, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.5010, 0.4079, 0.3356**, and **12.2264, 0.5374, 0.3229** is the 20% darker color. If you saturate the color by 10%, you get **25.2043, 0.5293, 0.3318**, and if you desaturate by 10%, it is **36.0440, 0.4374, 0.3312**.

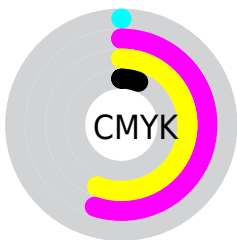
Distribution



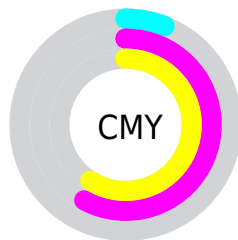
- Red (94%)
- Green (42%)
- Blue (41%)



- Red (94%)
- Yellow (42%)
- Blue (41%)



- Cyan (0%)
- Magenta (55%)
- Yellow (56%)
- Black (6%)




- Cyan (6%)
- Magenta (58%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.8860, 0.4815, 0.3316 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 29.8860, 0.4815, 0.3316 by changing the saturation by 10% instead.


 29.8860, 0.4815,
0.3316


 29.8860, 0.4815,
0.3316


301.3727, 0.3907,
0.3353

 19.7521, 0.5056,
0.3286


 59.4818, 0.4472,
0.3344


 12.2150, 0.5371,
0.3234


 79.7126, 0.4347,
0.3350

 6.8902, 0.5792,
0.3139


 104.0777, 0.4243,
0.3353

 3.3936, 0.6378,
0.2962

 132.9615, 0.4155,
0.3355

 1.3405, 0.7342,
0.2658

166.7486, 0.4079,
0.3355

 0.1722, 0.8991,
0.1009

205.8232, 0.4014,


 0.0000, 1.0000,

0.3355


0.0000


250.5698, 0.3957,
0.3354


 0.0000, 0.0000,
0.0000

 29.8860, 0.4815,
0.3316

 29.8860, 0.4815,
0.3316


 25.2043, 0.5293,
0.3318


 36.0440, 0.4374,
0.3312

 21.8710, 0.5755,
0.3317

 43.7827, 0.3995,
0.3307

 19.7449, 0.6125,
0.3313

 53.2024, 0.3683,
0.3302

 18.6511, 0.6342,
0.3306

 64.3940, 0.3431,
0.3297

 18.4241, 0.6393,
0.3306

 77.4417, 0.3229,
0.3293

■ 92.4245, 0.3068,
0.3288

■ 97.0852, 0.3029,
0.3290

Harmonies

Analogous

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



29.8860, 0.4148, 0.2719



29.8860, 0.4815, 0.3316



29.8860, 0.4906, 0.3964

Triad

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



29.8860, 0.4815, 0.3316



29.8860, 0.2847, 0.4778



29.8860, 0.1824, 0.1963

Complementary

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



29.8860, 0.4815, 0.3316



69.7607, 0.2416, 0.3263

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.



29.8860, 0.1598, 0.2246



29.8860, 0.4815, 0.3316



29.8860, 0.2109, 0.3891

Square

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



29.8860, 0.4815, 0.3316



29.8860, 0.3709, 0.4992



29.8860, 0.1683, 0.2900



29.8860, 0.2363, 0.1980

Rectangle

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



29.8860, 0.4815, 0.3316



29.8860, 0.4659, 0.4394



29.8860, 0.1683, 0.2900



29.8860, 0.1715, 0.2021

Sweetspot

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



29.8876, 0.4815, 0.3316



73.2377, 0.3454, 0.3298



34.6776, 0.3189, 0.1967



15.0890, 0.3501, 0.3299



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.



29.8876, 0.4815, 0.3316



28.6784, 0.5349, 0.3318



48.8632, 0.4344, 0.4013



15.7973, 0.3293, 0.3294



10.2017, 0.6390, 0.3309



0.8622, 0.6360, 0.3332

Inverse Universe

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



69.7607, 0.2416, 0.3263



78.9843, 0.2336, 0.3257



38.7314, 0.2230, 0.2390



17.8852, 0.2981, 0.3286



36.4130, 0.2234, 0.3241



3.0423, 0.2236, 0.3248

Previews

White Background



This preview shows how the Yxy color 29.8860, 0.4815, 0.3316 looks on a white background.

Color Contrast Check

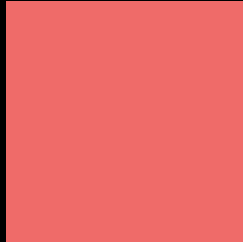
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8860, 0.4815, 0.3316 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 29.8860, 0.4815, 0.3316

Background



This preview shows how black text looks on a background with the Yxy color 29.8860, 0.4815, 0.3316.



This preview shows how white text looks on a background with the Yxy color 29.8860, 0.4815, 0.3316.

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

29.8860, 0.4815, 0.3316

Protanopia

30.1182, 0.3458, 0.3682

Deuteranopia

30.1295, 0.3993, 0.3923



Tritanopia

29.8510, 0.4719, 0.3221

Trichromacy



Original Color

29.8860, 0.4815, 0.3316

Protanomaly

28.8993, 0.3938, 0.3531

Deuteranomaly

29.3224, 0.4308, 0.3670

Tritanomaly

29.7846, 0.4758, 0.3253

Monochromacy



Original Color

29.8860, 0.4815, 0.3316

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.8445, 0.3701, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8860, 0.4815, 0.3316 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(239, 107, 105)` looks like.

```
.text, #text, p{  
    color:rgb(239, 107, 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(239, 107, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 107, 105) }
```

Border

The CSS property to change the border of an element to Yxy 29.8860, 0.4815, 0.3316 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(239, 107, 105) }
```

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

```
.border{ border-color:rgb(239, 107, 105) }
```

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

Here you see how a box with a 4 pixel rgb(239, 107, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 107, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 107, 105);  
box-shadow:4px 4px 4px 4px rgb(239, 107,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8860, 0.4815, 0.3316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 107, 105) }
```

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

```
.background{ background-color: rgb(239,  
107, 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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