

# Converting Colors

Yxy(30.3614, 0.4744, 0.3308)

Have a look what the booklet for  
Yxy(30.3614, 0.4744, 0.3308)  
contains.

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# Color

**Yxy(30.4117, 0.4748, 0.3316)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EE6E6C
RGB	238, 110, 108
RGB Percent	93%, 43%, 42%
CMY	0.0666, 0.5686, 0.5766
CMYK	0.00, 0.54, 0.55, 0.07
HSL	1°, 79%, 68%
HSV	1°, 55%, 93%
XYZ	43.5449, 30.4117, 17.7554
YIQ	148.0440, 76.9300, 26.5140

# Conversions

## Conversions Part 2

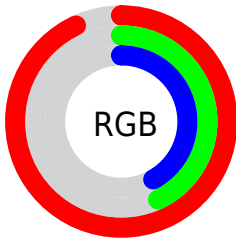
Format	Color
R <sub>Y</sub> B	238, 110, 108
Decimal	15625836
CIE Lab	62.01, 49.21, 25.23
CIE LCh	62, 55.301, 27.144
Yxy	30.4117, 0.4748, 0.3316
Android (android.graphics.Color)	4293815916 (0xFFEE6E6C)
YUV	148.0440, -19.7417, 78.8914
Hunter-Lab	55.1468, 44.4397, 19.5133

# Details

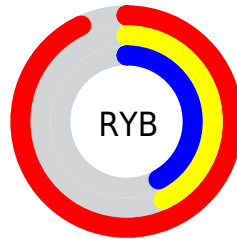
The Yxy color **30.4117, 0.4748, 0.3316** is a dark color, and the websafe version is hex **FF6666**. A complement of this color would be **69.3454, 0.2428, 0.3263**, and the grayscale version is **29.6933, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.6735, 0.4037, 0.3356**, and **12.5124, 0.5274, 0.3237** is the 20% darker color. If you saturate the color by 10%, you get **25.5689, 0.5223, 0.3318**, and if you desaturate by 10%, it is **36.7324, 0.4315, 0.3312**.

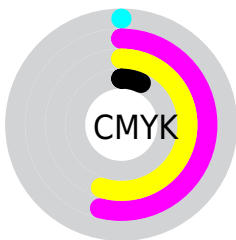
# Distribution



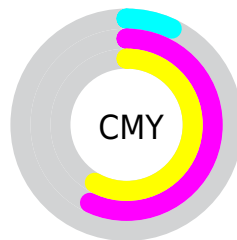
- Red (93%)
- Green (43%)
- Blue (42%)



- Red (93%)
- Yellow (43%)
- Blue (42%)



- Cyan (0%)
- Magenta (54%)
- Yellow (55%)
- Black (7%)




- Cyan (7%)
- Magenta (57%)
- Yellow (58%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 30.4117, 0.4748, 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 30.4117, 0.4748, 0.3316 by changing the saturation by 10% instead.





 30.4117, 0.4748,  
0.3316


 30.4117, 0.4748,  
0.3316


303.8188, 0.3877,  
0.3349

 20.1513, 0.4980,  
0.3289


 60.3127, 0.4420,  
0.3341


 12.5051, 0.5282,  
0.3242


 80.7220, 0.4300,  
0.3346

 7.0886, 0.5689,  
0.3156


 105.2831, 0.4199,  
0.3349

 3.5176, 0.6252,  
0.2992

 134.3803, 0.4115,  
0.3351

 1.4076, 0.7261,  
0.2739

168.3981, 0.4043,  
0.3351

 0.2223, 0.8747,  
0.1253


207.7209, 0.3980,


 0.0000, 1.0000,


0.3351

0.0000

252.7330, 0.3925,  
0.3350


 0.0000, 0.0000,  
0.0000

 30.4117, 0.4748,  
0.3316


 30.4117, 0.4748,  
0.3316


 25.5689, 0.5223,  
0.3318


 36.7324, 0.4315,  
0.3312


 22.0799, 0.5691,  
0.3318


 44.6325, 0.3946,  
0.3307


 19.8082, 0.6080,  
0.3314

 54.2101, 0.3643,  
0.3302

 18.5866, 0.6321,  
0.3307

 65.5541, 0.3399,  
0.3297

 18.2598, 0.6392,  
0.3306

 78.7471, 0.3204,  
0.3292

■ 93.8663, 0.3048,  
0.3288

■ 96.9194, 0.3023,  
0.3290

# Harmonies

## Analogous

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



30.4117, 0.4102, 0.2734



30.4117, 0.4748, 0.3316



30.4117, 0.4848, 0.3947

# Triad

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



30.4117, 0.4748, 0.3316



30.4117, 0.2871, 0.4719



30.4117, 0.1861, 0.2006

# Complementary

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



30.4117, 0.4748, 0.3316



69.3454, 0.2428, 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.



30.4117, 0.1643, 0.2288



30.4117, 0.4748, 0.3316



30.4117, 0.2152, 0.3879

# Square

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



30.4117, 0.4748, 0.3316



30.4117, 0.3706, 0.4927



30.4117, 0.1731, 0.2928



30.4117, 0.2383, 0.2018



# Rectangle

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



30.4117, 0.4748, 0.3316



30.4117, 0.4617, 0.4361



30.4117, 0.1731, 0.2928



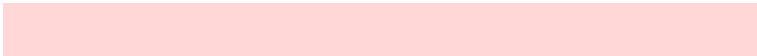
30.4117, 0.1755, 0.2065

# Sweetspot

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



30.4133, 0.4748, 0.3316



74.6421, 0.3431, 0.3297



35.0733, 0.3188, 0.1995



15.3660, 0.3478, 0.3298



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.



30.4133, 0.4748, 0.3316



29.1411, 0.5301, 0.3319



49.1466, 0.4304, 0.3998



15.7982, 0.3293, 0.3294



10.2030, 0.6389, 0.3309



0.8626, 0.6359, 0.3333



# Inverse Universe

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



69.3454, 0.2428, 0.3263



79.0924, 0.2342, 0.3257



39.2455, 0.2252, 0.2417



17.8843, 0.2981, 0.3286



36.3874, 0.2233, 0.3240



3.0405, 0.2235, 0.3247



# Previews

## White Background



This preview shows how the Yxy color 30.4117, 0.4748, 0.3316 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

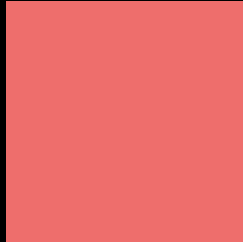
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 30.4117, 0.4748, 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 ✓ Pass

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

**Yxy 30.4117, 0.4748, 0.3316**

## Background



This preview shows how black text looks on a background with the Yxy color 30.4117, 0.4748, 0.3316.



This preview shows how white text looks on a background with the Yxy color 30.4117, 0.4748, 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

30.4117, 0.4748, 0.3316

### Protanopia

30.5882, 0.3446, 0.3664

### Deuteranopia

30.6091, 0.3967, 0.3892



## Tritanopia

30.5490, 0.4662, 0.3221

# Trichromacy



**Original Color**

30.4117, 0.4748, 0.3316

**Protanomaly**

29.2247, 0.3910, 0.3517

**Deuteranomaly**

29.9195, 0.4259, 0.3658

**Tritanomaly**

30.4803, 0.4700, 0.3253

# Monochromacy



**Original Color**

30.4117, 0.4748, 0.3316

**Achromatopsia**

29.6138, 0.3127, 0.3290

**Achromatomaly**

28.5674, 0.3682, 0.3306

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 30.4117, 0.4748, 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(238, 110, 108)` looks like.

```
.text, #text, p{  
    color:rgb(238, 110, 108)  
}
```

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(238, 110, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 110, 108) }
```

## Border

The CSS property to change the border of an element to Yxy 30.4117, 0.4748, 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(238, 110, 108) }
```

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

```
.border{ border-color:rgb(238, 110, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 110, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 110, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 110, 108);  
box-shadow:4px 4px 4px 4px rgb(238, 110,  
108) }
```



# Background

The CSS property to change the background color of an element to Yxy 30.4117, 0.4748, 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(238, 110, 108) }
```

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

```
.background{ background-color: rgb(238,  
110, 108) }
```

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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