

Converting Colors

$Y_{xy}(30.5070, 0.4375, 0.3142)$

Have a look what the booklet for
Yxy(30.5070, 0.4375, 0.3142)
contains.

Yxy(30.4780, 0.4370, 0.3146)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.4780, 0.4370, 0.3146)

Conversions

Conversions Part 1

Format	Color
Hex	E57380
RGB	229, 115, 128
RGB Percent	90%, 45%, 50%
CMY	0.1020, 0.5489, 0.4981
CMYK	0.00, 0.50, 0.44, 0.10
HSL	353°, 69%, 67%
HSV	353°, 50%, 90%
XYZ	42.3359, 30.4780, 24.0646
YIQ	150.5680, 63.7710, 28.2110

Conversions

Conversions Part 2

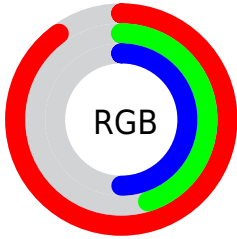
Format	Color
R _Y B	229, 115, 128
Decimal	15037312
CIE Lab	62.06, 45.37, 13.67
CIE LCh	62, 47.381, 16.772
Yxy	30.4780, 0.4370, 0.3146
Android (android.graphics.Color)	4293227392 (0xFFE57380)
YUV	150.5680, -11.1260, 68.7849
Hunter-Lab	55.2069, 40.2724, 12.8004

Details

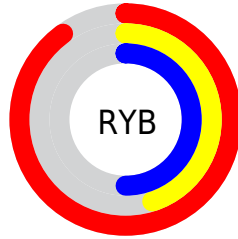
The Yxy color **30.4780, 0.4370, 0.3146** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **64.6375, 0.2538, 0.3455**, and the grayscale version is **30.7827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9721, 0.3811, 0.3166**, and **12.5558, 0.4802, 0.3059** is the 20% darker color. If you saturate the color by 10%, you get **25.4070, 0.4783, 0.3129**, and if you desaturate by 10%, it is **36.9560, 0.4013, 0.3172**.

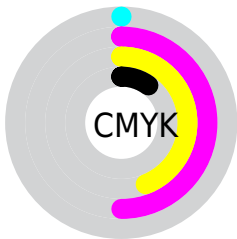
Distribution



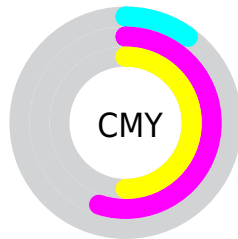
- Red (90%)
- Green (45%)
- Blue (50%)



- Red (90%)
- Yellow (45%)
- Blue (50%)



- Cyan (0%)
- Magenta (50%)
- Yellow (44%)
- Black (10%)





- Cyan (10%)
- Magenta (55%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.4780, 0.4370, 0.3146 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 30.4780, 0.4370, 0.3146 by changing the saturation by 10% instead.


 30.4780, 0.4370,
0.3146


 30.4780, 0.4370,
0.3146


304.1262, 0.3700,
0.3244

 20.2017, 0.4552,
0.3111


 60.4173, 0.4115,
0.3189

 12.5417, 0.4795,
0.3060


 80.8491, 0.4023,
0.3203

 7.1138, 0.5131,
0.2980


 105.4348, 0.3946,
0.3214

 3.5333, 0.5621,
0.2843

134.5588, 0.3882,
0.3222

 1.4161, 0.6464,
0.2616

168.6056, 0.3826,
0.3229

 0.2286, 0.8616,
0.1384

207.9595, 0.3778,


 0.0000, 1.0000,


0.3235


0.0000


253.0049, 0.3737,
0.3240


 0.0000, 0.0000,
0.0000


 30.4780, 0.4370,
0.3146


 30.4780, 0.4370,
0.3146


 25.4070, 0.4783,
0.3129


 36.9560, 0.4013,
0.3172


 21.6339, 0.5230,
0.3127


 44.9298, 0.3716,
0.3202

 19.0416, 0.5667,
0.3145

 54.4868, 0.3475,
0.3233

 17.4893, 0.6033,
0.3185

 65.7060, 0.3280,
0.3263

 16.7442, 0.6278,
0.3234

 78.6612, 0.3124,
0.3291

 16.7308, 0.6283,
0.3235

 93.4218, 0.2998,
0.3316

 95.3960, 0.2970,
0.3290

Harmonies

Analogous

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



30.4780, 0.3705, 0.2652



30.4780, 0.4370, 0.3146



30.4780, 0.4640, 0.3703

Triad

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



30.4780, 0.4370, 0.3146



30.4780, 0.3176, 0.4624



30.4780, 0.1916, 0.2224

Complementary

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



30.4780, 0.4370, 0.3146



64.6375, 0.2538, 0.3455

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.



30.4780, 0.1816, 0.2590



30.4780, 0.4370, 0.3146



30.4780, 0.2486, 0.4070

Square

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



30.4780, 0.4370, 0.3146



30.4780, 0.3892, 0.4637



30.4780, 0.2004, 0.3256



30.4780, 0.2292, 0.2140

Rectangle

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



30.4780, 0.4370, 0.3146



30.4780, 0.4553, 0.4074



30.4780, 0.2004, 0.3256



30.4780, 0.1851, 0.2312

Sweetspot

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



30.4796, 0.4370, 0.3146



75.9826, 0.3378, 0.3247



32.4741, 0.3054, 0.2045



15.6271, 0.3421, 0.3241



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.



30.4796, 0.4370, 0.3146



32.1041, 0.4808, 0.3128



42.5898, 0.4253, 0.3793



14.3945, 0.3275, 0.3264



9.5758, 0.6259, 0.3222



0.7165, 0.5958, 0.3056

Inverse Universe

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



30.4796, 0.4370, 0.3146



32.1041, 0.4808, 0.3128



44.1260, 0.2365, 0.2701



14.3945, 0.3275, 0.3264



9.5758, 0.6259, 0.3222



0.7165, 0.5958, 0.3056

Previews

White Background



This preview shows how the Yxy color 30.4780, 0.4370, 0.3146 looks on a white background.

Color Contrast Check

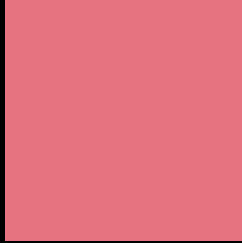
Large Text (above 18pt) WCAG AA × Fail

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 30.4780, 0.4370, 0.3146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

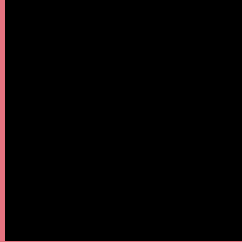
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4780, 0.4370, 0.3146

Background



This preview shows how black text looks on a background with the Yxy color 30.4780, 0.4370, 0.3146.



This preview shows how white text looks on a background with the Yxy color 30.4780, 0.4370, 0.3146.

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

30.4780, 0.4370, 0.3146

Protanopia

30.7580, 0.3206, 0.3352

Deuteranopia

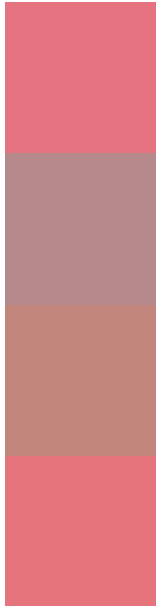
30.6795, 0.3672, 0.3616



Tritanopia

30.6040, 0.4416, 0.3203

Trichromacy



Original Color

30.4780, 0.4370, 0.3146

Protanomaly

29.5792, 0.3603, 0.3263

Deuteranomaly

30.0002, 0.3924, 0.3415

Tritanomaly

30.6295, 0.4403, 0.3191

Monochromacy



Original Color

30.4780, 0.4370, 0.3146

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.7438, 0.3533, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4780, 0.4370, 0.3146 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(229, 115, 128)` looks like.

```
.text, #text, p{  
    color:rgb(229, 115, 128)  
}
```

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(229, 115, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 115, 128) }
```

Border

The CSS property to change the border of an element to Yxy 30.4780, 0.4370, 0.3146 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(229, 115, 128) }
```

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

```
.border{ border-color:rgb(229, 115, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 115, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 115, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 115, 128);  
box-shadow:4px 4px 4px 4px rgb(229, 115,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4780, 0.4370, 0.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 115, 128) }
```

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

```
.background{ background-color: rgb(229,  
115, 128) }
```

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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