

Converting Colors

Yxy(30.8988, 0.4379, 0.3146)

Have a look what the booklet for
Yxy(30.8988, 0.4379, 0.3146)
contains.

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Color

Yxy(30.8354, 0.4378, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	E77381
RGB	231, 115, 129
RGB Percent	91%, 45%, 51%
CMY	0.0941, 0.5490, 0.4942
CMYK	0.00, 0.50, 0.44, 0.09
HSL	353°, 71%, 68%
HSV	353°, 50%, 91%
XYZ	43.0476, 30.8354, 24.4441
YIQ	151.2800, 64.6420, 28.9460

Conversions

Conversions Part 2

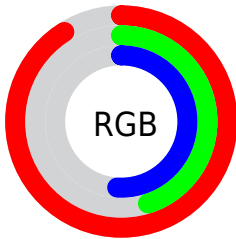
Format	Color
R _Y B	231, 115, 129
Decimal	15168385
CIE Lab	62.37, 46.18, 13.56
CIE LCh	62, 48.134, 16.368
Yxy	30.8354, 0.4378, 0.3136
Android (android.graphics.Color)	4293358465 (0xFFE77381)
YUV	151.2800, -10.9840, 69.9144
Hunter-Lab	55.5296, 41.1998, 12.7713

Details

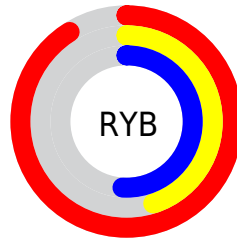
The Yxy color **30.8354, 0.4378, 0.3136** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **65.8099, 0.2538, 0.3467**, and the grayscale version is **31.1015, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3868, 0.3799, 0.3166**, and **12.7951, 0.4809, 0.3048** is the 20% darker color. If you saturate the color by 10%, you get **25.7245, 0.4790, 0.3118**, and if you desaturate by 10%, it is **37.3767, 0.4021, 0.3163**.

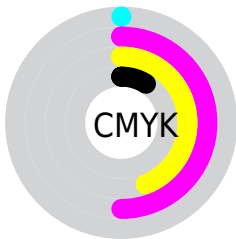
Distribution



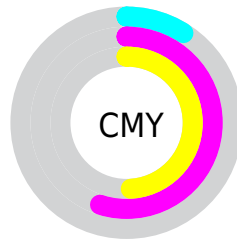
- Red (91%)
- Green (45%)
- Blue (51%)



- Red (91%)
- Yellow (45%)
- Blue (51%)



- Cyan (0%)
- Magenta (50%)
- Yellow (44%)
- Black (9%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.8354, 0.4378, 0.3136 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 30.8354, 0.4378, 0.3136 by changing the saturation by 10% instead.

 30.8354, 0.4378,
0.3136


 30.8354, 0.4378,
0.3136


305.7793, 0.3705,
0.3239

 20.4735, 0.4561,
0.3100


 60.9808, 0.4122,
0.3181

 12.7397, 0.4803,
0.3048


 81.5332, 0.4030,
0.3195

 7.2496, 0.5138,
0.2966


 106.2512, 0.3953,
0.3207

 3.6187, 0.5626,
0.2827

135.5192, 0.3888,
0.3216

 1.4626, 0.6445,
0.2593

169.7216, 0.3832,
0.3223

 0.2622, 0.8510,
0.1490

209.2428, 0.3784,

 0.0000, 1.0000,

0.3230

0.0000

254.4673, 0.3742,
0.3235

 0.0000, 0.0000,
0.0000

 30.8354, 0.4378,
0.3136


 30.8354, 0.4378,
0.3136


 25.7245, 0.4790,
0.3118


 37.3767, 0.4021,
0.3163


 21.9322, 0.5236,
0.3116

 45.4397, 0.3724,
0.3195


 19.3382, 0.5670,
0.3136

 55.1134, 0.3482,
0.3228

 17.7976, 0.6033,
0.3178

 66.4790, 0.3287,
0.3260

 17.0723, 0.6273,
0.3229

 79.6119, 0.3130,
0.3289

■ 94.5831, 0.3004,
0.3317

■ 95.7293, 0.2982,
0.3290

Harmonies

Analogous

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



30.8354, 0.3701, 0.2639



30.8354, 0.4378, 0.3136



30.8354, 0.4657, 0.3698

Triad

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



30.8354, 0.4378, 0.3136



30.8354, 0.3185, 0.4645



30.8354, 0.1900, 0.2215

Complementary

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



30.8354, 0.4378, 0.3136



65.8099, 0.2538, 0.3467

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.



30.8354, 0.1803, 0.2588



30.8354, 0.4378, 0.3136



30.8354, 0.2486, 0.4090

Square

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



30.8354, 0.4378, 0.3136



30.8354, 0.3908, 0.4649



30.8354, 0.1997, 0.3266



30.8354, 0.2276, 0.2128

Rectangle

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



30.8354, 0.4378, 0.3136



30.8354, 0.4572, 0.4072



30.8354, 0.1997, 0.3266



30.8354, 0.1837, 0.2306

Sweetspot

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



30.8370, 0.4378, 0.3136



75.9964, 0.3376, 0.3244



32.5613, 0.3034, 0.2027



15.6304, 0.3418, 0.3238



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.



30.8370, 0.4378, 0.3136



32.1292, 0.4795, 0.3118



42.5241, 0.4280, 0.3776



14.3961, 0.3274, 0.3262



9.5802, 0.6247, 0.3215



0.7173, 0.5934, 0.3043

Inverse Universe

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



30.8370, 0.4378, 0.3136



32.1292, 0.4795, 0.3118



45.5831, 0.2363, 0.2722



14.3961, 0.3274, 0.3262



9.5802, 0.6247, 0.3215



0.7173, 0.5934, 0.3043

Previews

White Background



This preview shows how the Yxy color 30.8354, 0.4378, 0.3136 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 30.8354, 0.4378, 0.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

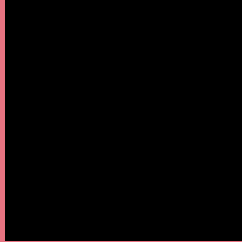
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.8354, 0.4378, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 30.8354, 0.4378, 0.3136.



This preview shows how white text looks on a background with the Yxy color 30.8354, 0.4378, 0.3136.

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

30.8354, 0.4378, 0.3136

Protanopia

31.2399, 0.3196, 0.3336

Deuteranopia

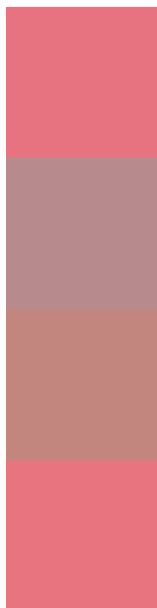
30.8200, 0.3672, 0.3599



Tritanopia

30.9349, 0.4437, 0.3204

Trichromacy



Original Color

30.8354, 0.4378, 0.3136

Protanomaly

30.1673, 0.3600, 0.3249

Deuteranomaly

30.1587, 0.3924, 0.3401

Tritanomaly

30.9861, 0.4411, 0.3181

Monochromacy



Original Color

30.8354, 0.4378, 0.3136

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.8634, 0.3544, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8354, 0.4378, 0.3136 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(231, 115, 129)` looks like.

```
.text, #text, p{  
    color:rgb(231, 115, 129)  
}
```

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(231, 115, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 115, 129) }
```

Border

The CSS property to change the border of an element to Yxy 30.8354, 0.4378, 0.3136 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(231, 115, 129) }
```

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

```
.border{ border-color:rgb(231, 115, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 115, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 115, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 115, 129);  
box-shadow:4px 4px 4px 4px rgb(231, 115,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8354, 0.4378, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 115, 129) }
```

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

```
.background{ background-color: rgb(231,  
115, 129) }
```

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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