

Converting Colors

$Y_{xy}(27.4159, 0.4673, 0.3159)$

Have a look what the booklet for
Yxy(27.4159, 0.4673, 0.3159)
contains.

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Color

Yxy(27.4885, 0.4673, 0.3164)

Conversions

Conversions Part 1

Format	Color
Hex	E76571
RGB	231, 101, 113
RGB Percent	91%, 40%, 44%
CMY	0.0940, 0.6040, 0.5568
CMYK	0.00, 0.56, 0.51, 0.09
HSL	354°, 73%, 65%
HSV	354°, 56%, 91%
XYZ	40.5985, 27.4885, 18.7919
YIQ	141.2380, 73.6280, 31.2920

Conversions

Conversions Part 2

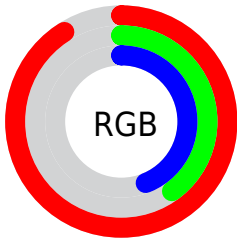
Format	Color
R _Y B	231, 101, 113
Decimal	15164785
CIE Lab	59.42, 51.45, 18.69
CIE LCh	59, 54.740, 19.962
Yxy	27.4885, 0.4673, 0.3164
Android (android.graphics.Color)	4293354865 (0xFFE76571)
YUV	141.2380, -13.9213, 78.7213
Hunter-Lab	52.4295, 46.4691, 15.4497

Details

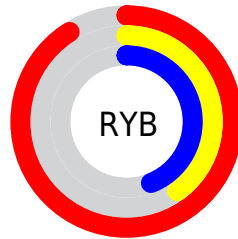
The Yxy color **27.4885, 0.4673, 0.3164** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **65.0518, 0.2474, 0.3444**, and the grayscale version is **26.7666, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.7535, 0.4013, 0.3198**, and **10.8817, 0.5211, 0.3064** is the 20% darker color. If you saturate the color by 10%, you get **23.1990, 0.5122, 0.3159**, and if you desaturate by 10%, it is **33.1506, 0.4268, 0.3180**.

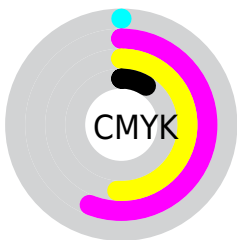
Distribution



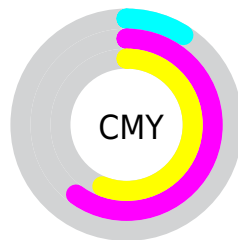
- Red (91%)
- Green (40%)
- Blue (44%)



- Red (91%)
- Yellow (40%)
- Blue (44%)



- Cyan (0%)
- Magenta (56%)
- Yellow (51%)
- Black (9%)





- Cyan (9%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.4885, 0.4673, 0.3164 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 27.4885, 0.4673, 0.3164 by changing the saturation by 10% instead.


 27.4885, 0.4673,
0.3164

 27.4885, 0.4673,
0.3164


290.0146, 0.3828,
0.3268


 17.9404, 0.4905,
0.3121


 55.6668, 0.4350,
0.3213

 10.9072, 0.5213,
0.3055


 75.0658, 0.4233,
0.3228

 6.0045, 0.5638,
0.2946

 98.5172, 0.4137,
0.3240

 2.8478, 0.6248,
0.2751

 126.4054, 0.4055,
0.3248

 1.0528, 0.7510,
0.2490

159.1149, 0.3986,
0.3255

 0.0000, 1.0000,
0.0000

197.0300, 0.3926,

 0.0000, 0.0000,

0.3260

0.0000

240.5351, 0.3874,
0.3265

■ 27.4885, 0.4673,
0.3164

■ 27.4885, 0.4673,
0.3164

■ 23.1990, 0.5122,
0.3159

■ 33.1506, 0.4268,
0.3180

■ 20.1613, 0.5574,
0.3169

■ 40.2838, 0.3923,
0.3203

■ 18.2413, 0.5969,
0.3197

■ 48.9827, 0.3638,
0.3227

■ 17.2702, 0.6244,
0.3240

■ 59.3328, 0.3409,
0.3252

■ 17.0505, 0.6314,
0.3252

■ 71.4133, 0.3224,
0.3276

■ 85.2984, 0.3076,
0.3298

■ 95.7350, 0.2982,
0.3290

Harmonies

Analogous

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



27.4885, 0.3909, 0.2596



27.4885, 0.4673, 0.3164



27.4885, 0.4915, 0.3798

Triad

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



27.4885, 0.4673, 0.3164



27.4885, 0.3064, 0.4877



27.4885, 0.1756, 0.2020

Complementary

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



27.4885, 0.4673, 0.3164



65.0518, 0.2474, 0.3444

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.



27.4885, 0.1608, 0.2386



27.4885, 0.4673, 0.3164



27.4885, 0.2282, 0.4136

Square

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



27.4885, 0.4673, 0.3164



27.4885, 0.3908, 0.4911



27.4885, 0.1774, 0.3129



27.4885, 0.2211, 0.1967

Rectangle

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



27.4885, 0.4673, 0.3164



27.4885, 0.4755, 0.4228



27.4885, 0.1774, 0.3129



27.4885, 0.1673, 0.2103

Sweetspot

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



27.4900, 0.4673, 0.3164



73.1126, 0.3425, 0.3250



29.9842, 0.3060, 0.1911



15.0601, 0.3468, 0.3245



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.



27.4900, 0.4673, 0.3164



28.1096, 0.5217, 0.3159



40.7164, 0.4443, 0.3873



14.3895, 0.3278, 0.3269



9.5632, 0.6293, 0.3240



0.7142, 0.6034, 0.3098

Inverse Universe

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



27.4900, 0.4673, 0.3164



28.1096, 0.5217, 0.3159



40.7817, 0.2269, 0.2576



14.3895, 0.3278, 0.3269



9.5632, 0.6293, 0.3240



0.7142, 0.6034, 0.3098

Previews

White Background



This preview shows how the Yxy color 27.4885, 0.4673, 0.3164 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 27.4885, 0.4673, 0.3164 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 27.4885, 0.4673, 0.3164

Background



This preview shows how black text looks on a background with the Yxy color 27.4885, 0.4673, 0.3164.



This preview shows how white text looks on a background with the Yxy color 27.4885, 0.4673, 0.3164.

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

27.4885, 0.4673, 0.3164

Protanopia

27.6621, 0.3272, 0.3436

Deuteranopia

27.6735, 0.3821, 0.3763



Tritanopia

27.5958, 0.4721, 0.3219

Trichromacy



Original Color

27.4885, 0.4673, 0.3164

Protanomaly

26.4097, 0.3753, 0.3321

Deuteranomaly

26.9778, 0.4144, 0.3512

Tritanomaly

27.6175, 0.4707, 0.3208

Monochromacy



Original Color

27.4885, 0.4673, 0.3164

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.5591, 0.3652, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4885, 0.4673, 0.3164 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, 101, 113)` looks like.

```
.text, #text, p{  
    color:rgb(231, 101, 113)  
}
```

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, 101, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 101, 113) }
```

Border

The CSS property to change the border of an element to Yxy 27.4885, 0.4673, 0.3164 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, 101, 113) }
```

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

```
.border{ border-color:rgb(231, 101, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 101, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 101, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 101, 113);  
box-shadow:4px 4px 4px 4px rgb(231, 101,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4885, 0.4673, 0.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 101, 113) }
```

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

```
.background{ background-color: rgb(231,  
101, 113) }
```

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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