

Converting Colors

$Yxy(30.9763, 0.4301, 0.3173)$

Have a look what the booklet for
Yxy(30.9763, 0.4301, 0.3173)
contains.

Yxy(30.9474, 0.4304, 0.3177)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.9474, 0.4304, 0.3177)

Conversions

Conversions Part 1

Format	Color
Hex	E27781
RGB	226, 119, 129
RGB Percent	89%, 47%, 51%
CMY	0.1137, 0.5333, 0.4941
CMYK	0.00, 0.47, 0.43, 0.11
HSL	354°, 65%, 68%
HSV	354°, 47%, 89%
XYZ	41.9256, 30.9474, 24.5378
YIQ	152.1330, 60.5620, 25.7940

Conversions

Conversions Part 2

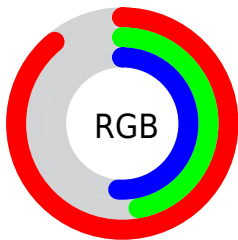
Format	Color
R _Y B	226, 119, 129
Decimal	14841729
CIE Lab	62.46, 42.41, 13.57
CIE LCh	62, 44.528, 17.747
Yxy	30.9474, 0.4304, 0.3177
Android (android.graphics.Color)	4293031809 (0xFFE27781)
YUV	152.1330, -11.4046, 64.7814
Hunter-Lab	55.6304, 37.1726, 12.7893

Details

The Yxy color **30.9474, 0.4304, 0.3177** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **63.2755, 0.2549, 0.3417**, and the grayscale version is **31.4916, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.5245, 0.3790, 0.3197**, and **12.8090, 0.4702, 0.3106** is the 20% darker color. If you saturate the color by 10%, you get **25.7027, 0.4713, 0.3161**, and if you desaturate by 10%, it is **37.5833, 0.3953, 0.3199**.

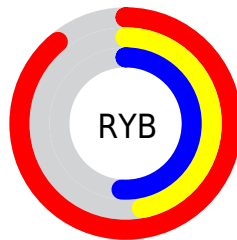
Distribution



Red (89%)

Green (47%)

Blue (51%)



Red (89%)

Yellow (47%)

Blue (51%)

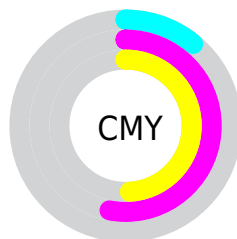


Cyan (0%)

Magenta (47%)

Yellow (43%)

Black (11%)



Cyan (11%)

Magenta (53%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9474, 0.4304, 0.3177 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 30.9474, 0.4304, 0.3177 by changing the saturation by 10% instead.


 30.9474, 0.4304,
0.3177

 30.9474, 0.4304,
0.3177


306.2959, 0.3671,
0.3257

 20.5588, 0.4476,
0.3148


 61.1572, 0.4063,
0.3213

 12.8019, 0.4705,
0.3104

 81.7473, 0.3976,
0.3224

 7.2923, 0.5023,
0.3035


 106.5066, 0.3904,
0.3233

 3.6455, 0.5488,
0.2915

135.8196, 0.3842,
0.3240

 1.4773, 0.6276,
0.2710

170.0706, 0.3790,
0.3245

 0.2727, 0.8350,
0.1650

209.6440, 0.3745,

 0.0000, 1.0000,

0.3250

0.0000


254.9244, 0.3705,
0.3254

 0.0000, 0.0000,
0.0000


 30.9474, 0.4304,
0.3177

 30.9474, 0.4304,
0.3177


 25.7027, 0.4713,
0.3161


 37.5833, 0.3953,
0.3199


 21.7459, 0.5164,
0.3157

 45.6948, 0.3664,
0.3224

 18.9668, 0.5613,
0.3169


 55.3651, 0.3430,
0.3249

 17.2348, 0.5998,
0.3200


 66.6698, 0.3241,
0.3273

 16.3772, 0.6261,
0.3243

 79.6797, 0.3090,
0.3296

 16.2245, 0.6311,
0.3250

 94.4614, 0.2969,
0.3316

 94.9098, 0.2952,
0.3289

Harmonies

Analogous

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



30.9474, 0.3694, 0.2703



30.9474, 0.4304, 0.3177



30.9474, 0.4545, 0.3708

Triad

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



30.9474, 0.4304, 0.3177



30.9474, 0.3158, 0.4519



30.9474, 0.1990, 0.2280

Complementary

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



30.9474, 0.4304, 0.3177



63.2755, 0.2549, 0.3417

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.



30.9474, 0.1887, 0.2622



30.9474, 0.4304, 0.3177



30.9474, 0.2510, 0.3992

Square

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



30.9474, 0.4304, 0.3177



30.9474, 0.3833, 0.4560



30.9474, 0.2060, 0.3240



30.9474, 0.2357, 0.2204

Rectangle

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



30.9474, 0.4304, 0.3177



30.9474, 0.4460, 0.4055



30.9474, 0.2060, 0.3240



30.9474, 0.1926, 0.2362

Sweetspot

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



30.9490, 0.4304, 0.3177



77.3881, 0.3364, 0.3257



33.1786, 0.3077, 0.2108



15.9021, 0.3407, 0.3252



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.



30.9490, 0.4304, 0.3177



33.7729, 0.4715, 0.3161



43.2730, 0.4168, 0.3791



13.7213, 0.3277, 0.3268



9.2631, 0.6290, 0.3239



0.6493, 0.6015, 0.3087

Inverse Universe

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



30.9490, 0.4304, 0.3177



33.7729, 0.4715, 0.3161



43.3645, 0.2395, 0.2711



13.7213, 0.3277, 0.3268



9.2631, 0.6290, 0.3239



0.6493, 0.6015, 0.3087

Previews

White Background



This preview shows how the Yxy color 30.9474, 0.4304, 0.3177 looks on a white background.

Color Contrast Check

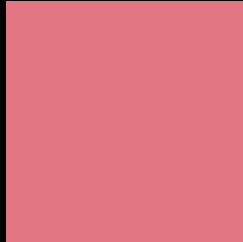
Large Text (above 18pt) WCAG AA × Fail

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 30.9474, 0.4304, 0.3177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

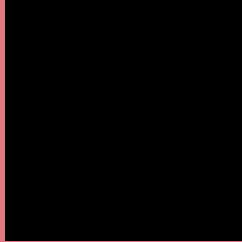
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9474, 0.4304, 0.3177

Background



This preview shows how black text looks on a background with the Yxy color 30.9474, 0.4304, 0.3177.



This preview shows how white text looks on a background with the Yxy color 30.9474, 0.4304, 0.3177.

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

30.9474, 0.4304, 0.3177

Protanopia

31.2765, 0.3226, 0.3367

Deuteranopia

31.1270, 0.3668, 0.3614



Tritanopia

30.9209, 0.4317, 0.3189

Trichromacy



Original Color

30.9474, 0.4304, 0.3177

Protanomaly

30.1824, 0.3585, 0.3277

Deuteranomaly

30.5840, 0.3903, 0.3428

Tritanomaly

30.9209, 0.4317, 0.3189

Monochromacy



Original Color

30.9474, 0.4304, 0.3177

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.3535, 0.3516, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9474, 0.4304, 0.3177 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(226, 119, 129)` looks like.

```
.text, #text, p{  
    color:rgb(226, 119, 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(226, 119, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 119, 129) }
```

Border

The CSS property to change the border of an element to Yxy 30.9474, 0.4304, 0.3177 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(226, 119, 129) }
```

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

```
.border{ border-color:rgb(226, 119, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 119, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 119, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 119, 129); box-shadow:4px 4px 4px 4px rgb(226, 119, 129) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9474, 0.4304, 0.3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 119, 129) }
```

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

```
.background{ background-color: rgb(226,  
119, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor