

Converting Colors

$Y_{xy}(29.3287, 0.4156, 0.3141)$

Have a look what the booklet for
Yxy(29.3287, 0.4156, 0.3141)
contains.

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Color

Yxy(29.2794, 0.4160, 0.3146)

Conversions

Conversions Part 1

Format	Color
Hex	D77783
RGB	215, 119, 131
RGB Percent	84%, 47%, 51%
CMY	0.1569, 0.5333, 0.4864
CMYK	0.00, 0.45, 0.39, 0.16
HSL	353°, 55%, 65%
HSV	353°, 45%, 84%
XYZ	38.7166, 29.2794, 25.0727
YIQ	149.0720, 53.3640, 24.0840

Conversions

Conversions Part 2

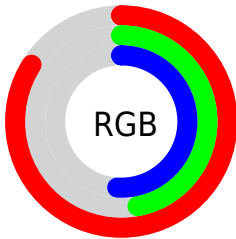
Format	Color
R _Y B	215, 119, 131
Decimal	14120835
CIE Lab	61.03, 38.63, 10.22
CIE LCh	61, 39.957, 14.818
Yxy	29.2794, 0.4160, 0.3146
Android (android.graphics.Color)	4292310915 (0xFFD77783)
YUV	149.0720, -8.9095, 57.8189
Hunter-Lab	54.1104, 33.0253, 10.4046

Details

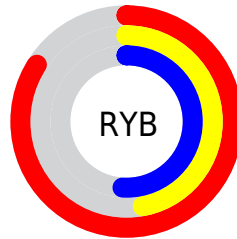
The Yxy color **29.2794, 0.4160, 0.3146** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **56.8379, 0.2591, 0.3449**, and the grayscale version is **30.1085, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.6078, 0.3771, 0.3176**, and **11.9115, 0.4513, 0.3073** is the 20% darker color. If you saturate the color by 10%, you get **24.2641, 0.4538, 0.3121**, and if you desaturate by 10%, it is **35.5478, 0.3840, 0.3177**.

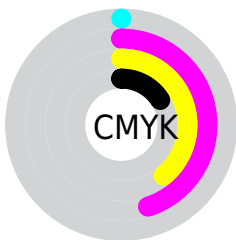
Distribution



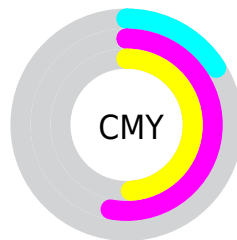
- Red (84%)
- Green (47%)
- Blue (51%)



- Red (84%)
- Yellow (47%)
- Blue (51%)



- Cyan (0%)
- Magenta (45%)
- Yellow (39%)
- Black (16%)





- Cyan (16%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.2794, 0.4160, 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 29.2794, 0.4160, 0.3146 by changing the saturation by 10% instead.


 29.2794, 0.4160,
0.3146


 29.2794, 0.4160,
0.3146


298.5310, 0.3600,
0.3238

 19.2923, 0.4315,
0.3116


 58.5207, 0.3945,
0.3185

 11.8817, 0.4523,
0.3071


 78.5437, 0.3868,
0.3197

 6.6632, 0.4816,
0.3002


 102.6807, 0.3804,
0.3208

 3.2523, 0.5254,
0.2885

131.3163, 0.3750,
0.3216

 1.2649, 0.6016,
0.2681

164.8347, 0.3704,
0.3223

 0.1137, 0.9038,
0.0962

203.6203, 0.3665,

 0.0000, 0.0000,

0.3228

0.0000

248.0576, 0.3630,
0.3233

■ 29.2794, 0.4160,
0.3146

■ 29.2794, 0.4160,
0.3146

■ 24.2641, 0.4538,
0.3121

■ 35.5478, 0.3840,
0.3177

■ 20.4135, 0.4964,
0.3109

■ 43.1411, 0.3578,
0.3211

■ 17.6345, 0.5409,
0.3115


■ 52.1311, 0.3366,
0.3244


■ 15.8179, 0.5820,
0.3144


■ 62.5829, 0.3195,
0.3276

■ 14.8312, 0.6137,
0.3195

■ 74.5578, 0.3057,
0.3305

 14.5255, 0.6259,
0.3222

 88.1133, 0.2946,
0.3332

 93.1873, 0.2889,
0.3289

Harmonies

Analogous

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



29.2794, 0.3583, 0.2711



29.2794, 0.4160, 0.3146



29.2794, 0.4423, 0.3639

Triad

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



29.2794, 0.4160, 0.3146



29.2794, 0.3226, 0.4428



29.2794, 0.2054, 0.2379

Complementary

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



29.2794, 0.4160, 0.3146



56.8379, 0.2591, 0.3449

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.



29.2794, 0.1984, 0.2728



29.2794, 0.4160, 0.3146



29.2794, 0.2617, 0.3988

Square

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



29.2794, 0.4160, 0.3146



29.2794, 0.3840, 0.4437



29.2794, 0.2175, 0.3316



29.2794, 0.2375, 0.2282

Rectangle

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



29.2794, 0.4160, 0.3146



29.2794, 0.4375, 0.3962



29.2794, 0.2175, 0.3316



29.2794, 0.2002, 0.2467

Sweetspot

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



29.2809, 0.4160, 0.3146



78.9128, 0.3337, 0.3249



30.6869, 0.3050, 0.2163



16.2048, 0.3379, 0.3242



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.



29.2809, 0.4160, 0.3146



35.7867, 0.4533, 0.3121



38.9587, 0.4105, 0.3724



12.4457, 0.3272, 0.3261



8.6963, 0.6234, 0.3208



0.5330, 0.5857, 0.3000

Inverse Universe

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



29.2809, 0.4160, 0.3146



35.7867, 0.4533, 0.3121



41.3924, 0.2444, 0.2798



12.4457, 0.3272, 0.3261



8.6963, 0.6234, 0.3208



0.5330, 0.5857, 0.3000

Previews

White Background



This preview shows how the Yxy color 29.2794, 0.4160, 0.3146 looks on a white background.

Color Contrast Check

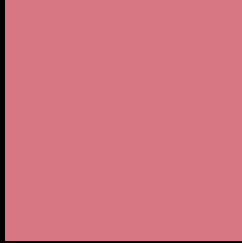
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2794, 0.4160, 0.3146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

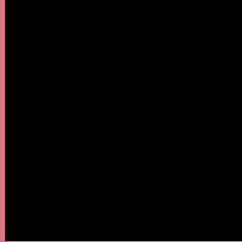
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2794, 0.4160, 0.3146

Background



This preview shows how black text looks on a background with the Yxy color 29.2794, 0.4160, 0.3146.



This preview shows how white text looks on a background with the Yxy color 29.2794, 0.4160, 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

29.2794, 0.4160, 0.3146

Protanopia

29.5221, 0.3178, 0.3306

Deuteranopia

29.3133, 0.3584, 0.3517



Tritanopia

29.1992, 0.4198, 0.3183

Trichromacy



Original Color

29.2794, 0.4160, 0.3146

Protanomaly

28.8131, 0.3501, 0.3232

Deuteranomaly

29.0478, 0.3798, 0.3377

Tritanomaly

29.2257, 0.4185, 0.3170

Monochromacy



Original Color

29.2794, 0.4160, 0.3146

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.0142, 0.3476, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2794, 0.4160, 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(215, 119, 131)` looks like.

```
.text, #text, p{  
    color:rgb(215, 119, 131)  
}
```

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(215, 119, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 119, 131) }
```

Border

The CSS property to change the border of an element to Yxy 29.2794, 0.4160, 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(215, 119, 131) }
```

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

```
.border{ border-color:rgb(215, 119, 131) }
```

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

Here you see how a box with a 4 pixel rgb(215, 119, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 119, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 119, 131);  
box-shadow:4px 4px 4px 4px rgb(215, 119,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2794, 0.4160, 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(215, 119, 131) }
```

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

```
.background{ background-color: rgb(215,  
119, 131) }
```

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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