

Converting Colors

$Y_{xy}(29.0401, 0.4198, 0.3187)$

Have a look what the booklet for
Yxy(29.0401, 0.4198, 0.3187)
contains.

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Color

Yxy(29.0221, 0.4200, 0.3194)

Conversions

Conversions Part 1

Format	Color
Hex	D6777F
RGB	214, 119, 127
RGB Percent	84%, 47%, 50%
CMY	0.1607, 0.5333, 0.5018
CMYK	0.00, 0.44, 0.41, 0.16
HSL	355°, 54%, 65%
HSV	355°, 44%, 84%
XYZ	38.1631, 29.0221, 23.6793
YIQ	148.3170, 54.0520, 22.6280

Conversions

Conversions Part 2

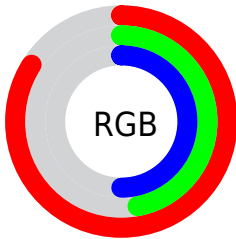
Format	Color
R _Y B	214, 119, 127
Decimal	14055295
CIE Lab	60.80, 37.83, 12.14
CIE LCh	61, 39.730, 17.797
Yxy	29.0221, 0.4200, 0.3194
Android (android.graphics.Color)	4292245375 (0xFFD6777F)
YUV	148.3170, -10.5093, 57.6040
Hunter-Lab	53.8722, 32.1732, 11.6499

Details

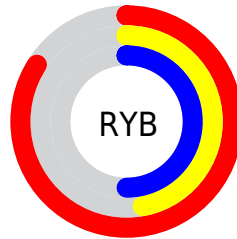
The Yxy color **29.0221, 0.4200, 0.3194** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **56.4753, 0.2573, 0.3396**, and the grayscale version is **29.7827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4424, 0.3808, 0.3218**, and **11.7522, 0.4577, 0.3136** is the 20% darker color. If you saturate the color by 10%, you get **24.0283, 0.4595, 0.3178**, and if you desaturate by 10%, it is **35.2649, 0.3866, 0.3215**.

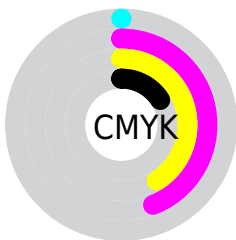
Distribution



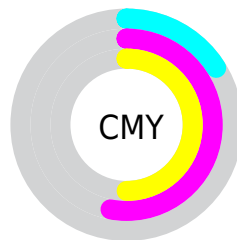
- Red (84%)
- Green (47%)
- Blue (50%)



- Red (84%)
- Yellow (47%)
- Blue (50%)



- Cyan (0%)
- Magenta (44%)
- Yellow (41%)
- Black (16%)





- Cyan (16%)
- Magenta (53%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.0221, 0.4200, 0.3194 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 29.0221, 0.4200, 0.3194 by changing the saturation by 10% instead.


 29.0221, 0.4200,
0.3194


 29.0221, 0.4200,
0.3194


297.3192, 0.3617,
0.3262

 19.0975, 0.4362,
0.3169


 58.1122, 0.3976,
0.3225

 11.7408, 0.4578,
0.3130


 78.0465, 0.3896,
0.3234

 6.5674, 0.4884,
0.3068


 102.0862, 0.3829,
0.3242

 3.1931, 0.5340,
0.2958

130.6157, 0.3773,
0.3248

 1.2333, 0.6192,
0.2785

164.0193, 0.3725,
0.3253

 0.0887, 0.9199,
0.0801

202.6815, 0.3684,

 0.0000, 0.0000,

0.3256

0.0000

246.9867, 0.3648,
0.3260

■ 29.0221, 0.4200,
0.3194

■ 29.0221, 0.4200,
0.3194

■ 24.0283, 0.4595,
0.3178

■ 35.2649, 0.3866,
0.3215

■ 20.1955, 0.5038,
0.3171

■ 42.8284, 0.3592,
0.3237

■ 17.4310, 0.5494,
0.3177


■ 51.7838, 0.3371,
0.3260

■ 15.6263, 0.5906,
0.3200

■ 62.1963, 0.3194,
0.3281

■ 14.6496, 0.6207,
0.3237

■ 74.1268, 0.3051,
0.3301

 14.3418, 0.6319,
0.3255

 87.6326, 0.2936,
0.3319

 93.0378, 0.2883,
0.3289

Harmonies

Analogous

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



29.0221, 0.3647, 0.2751



29.0221, 0.4200, 0.3194



29.0221, 0.4423, 0.3688

Triad

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



29.0221, 0.4200, 0.3194



29.0221, 0.3162, 0.4399



29.0221, 0.2078, 0.2361

Complementary

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



29.0221, 0.4200, 0.3194



56.4753, 0.2573, 0.3396

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.



29.0221, 0.1982, 0.2683



29.0221, 0.4200, 0.3194



29.0221, 0.2565, 0.3924

Square

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



29.0221, 0.4200, 0.3194



29.0221, 0.3782, 0.4451



29.0221, 0.2146, 0.3250



29.0221, 0.2422, 0.2287

Rectangle

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



29.0221, 0.4200, 0.3194



29.0221, 0.4350, 0.4007



29.0221, 0.2146, 0.3250



29.0221, 0.2018, 0.2440

Sweetspot

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



29.0236, 0.4200, 0.3194



78.8402, 0.3346, 0.3263



30.9577, 0.3082, 0.2180



16.1871, 0.3390, 0.3258



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.



29.0236, 0.4200, 0.3194



36.3031, 0.4558, 0.3179



39.7442, 0.4079, 0.3760



12.4377, 0.3278, 0.3271



8.6740, 0.6300, 0.3244



0.5292, 0.6018, 0.3089

Inverse Universe

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



29.0236, 0.4200, 0.3194



36.3031, 0.4558, 0.3179



39.8298, 0.2440, 0.2755



12.4377, 0.3278, 0.3271



8.6740, 0.6300, 0.3244



0.5292, 0.6018, 0.3089

Previews

White Background



This preview shows how the Yxy color 29.0221, 0.4200, 0.3194 looks on a white background.

Color Contrast Check

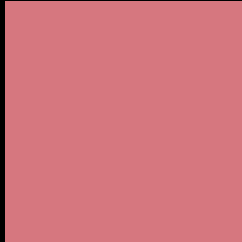
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0221, 0.4200, 0.3194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

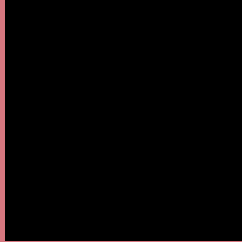
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0221, 0.4200, 0.3194

Background



This preview shows how black text looks on a background with the Yxy color 29.0221, 0.4200, 0.3194.



This preview shows how white text looks on a background with the Yxy color 29.0221, 0.4200, 0.3194.

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

29.0221, 0.4200, 0.3194

Protanopia

29.3698, 0.3228, 0.3385

Deuteranopia

29.3221, 0.3638, 0.3577



Tritanopia

29.0483, 0.4187, 0.3182

Trichromacy



Original Color

29.0221, 0.4200, 0.3194

Protanomaly

28.6676, 0.3557, 0.3306

Deuteranomaly

28.9445, 0.3845, 0.3433

Tritanomaly

29.0483, 0.4187, 0.3182

Monochromacy



Original Color

29.0221, 0.4200, 0.3194

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.5554, 0.3490, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0221, 0.4200, 0.3194 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(214, 119, 127)` looks like.

```
.text, #text, p{  
    color:rgb(214, 119, 127)  
}
```

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(214, 119, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 119, 127) }
```

Border

The CSS property to change the border of an element to Yxy 29.0221, 0.4200, 0.3194 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(214, 119, 127) }
```

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

```
.border{ border-color:rgb(214, 119, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 119, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 119, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 119, 127);  
box-shadow:4px 4px 4px 4px rgb(214, 119,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0221, 0.4200, 0.3194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 119, 127) }
```

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

```
.background{ background-color: rgb(214,  
119, 127) }
```

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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