

Converting Colors

Yxy(29.0483, 0.4187, 0.3182)

Have a look what the booklet for
Yxy(29.0483, 0.4187, 0.3182)
contains.

Yxy(29.0483, 0.4187, 0.3182)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(29.0483, 0.4187, 0.3182)

Conversions

Conversions Part 1

Format	Color
Hex	D67780
RGB	214, 119, 128
RGB Percent	84%, 47%, 50%
CMY	0.1608, 0.5333, 0.4980
CMYK	0.00, 0.44, 0.40, 0.16
HSL	354°, 54%, 65%
HSV	354°, 44%, 84%
XYZ	38.2229, 29.0483, 24.0183
YIQ	148.4310, 53.7310, 22.9390

Conversions

Conversions Part 2

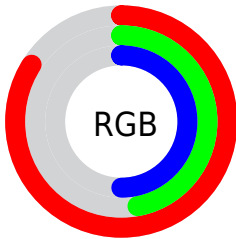
Format	Color
R _Y B	214, 119, 128
Decimal	14055296
CIE Lab	60.82, 37.92, 11.61
CIE LCh	61, 39.660, 17.025
Yxy	29.0483, 0.4187, 0.3182
Android (android.graphics.Color)	4292245376 (0xFFD67780)
YUV	148.4310, -10.0725, 57.5040
Hunter-Lab	53.8965, 32.2717, 11.3057

Details

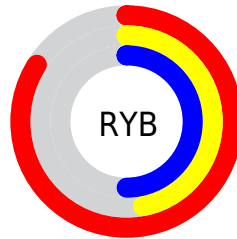
The Yxy color **29.0483, 0.4187, 0.3182** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **56.4176, 0.2579, 0.3409**, and the grayscale version is **29.8314, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4833, 0.3799, 0.3208**, and **11.7667, 0.4557, 0.3120** is the 20% darker color. If you saturate the color by 10%, you get **24.0540, 0.4577, 0.3164**, and if you desaturate by 10%, it is **35.2895, 0.3857, 0.3206**.

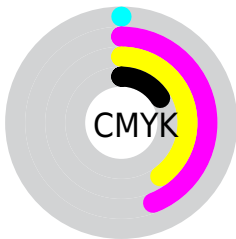
Distribution



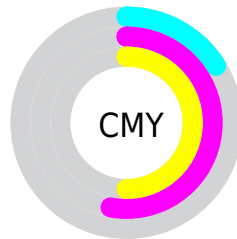
- Red (84%)
- Green (47%)
- Blue (50%)



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



- Cyan (0%)
- Magenta (44%)
- Yellow (40%)
- Black (16%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0483, 0.4187, 0.3182 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 29.0483, 0.4187, 0.3182 by changing the saturation by 10% instead.


 29.0483, 0.4187,
0.3182


 29.0483, 0.4187,
0.3182


297.4428, 0.3611,
0.3256


 19.1174, 0.4347,
0.3155


 58.1538, 0.3966,
0.3215

 11.7551, 0.4561,
0.3116


 78.0972, 0.3887,
0.3225

 6.5772, 0.4862,
0.3052


 102.1468, 0.3821,
0.3233

 3.1991, 0.5314,
0.2940

130.6871, 0.3766,
0.3240

 1.2365, 0.6141,
0.2759

164.1025, 0.3718,
0.3245

 0.0912, 0.9182,
0.0818

202.7773, 0.3678,

 0.0000, 0.0000,

0.3249

0.0000

247.0959, 0.3642,
0.3253

■ 29.0483, 0.4187,
0.3182

■ 29.0483, 0.4187,
0.3182

■ 24.0540, 0.4577,
0.3164

■ 35.2895, 0.3857,
0.3206

■ 20.2187, 0.5016,
0.3155

■ 42.8490, 0.3587,
0.3231

■ 17.4502, 0.5470,
0.3162


■ 51.7980, 0.3368,
0.3256


■ 15.6403, 0.5882,
0.3186


■ 62.2013, 0.3193,
0.3280

■ 14.6576, 0.6189,
0.3227

■ 74.1196, 0.3052,
0.3302

 14.3460, 0.6306,
0.3247

 87.6102, 0.2938,
0.3322

 93.0345, 0.2883,
0.3289

Harmonies

Analogous

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



29.0483, 0.3629, 0.2742



29.0483, 0.4187, 0.3182



29.0483, 0.4420, 0.3675

Triad

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



29.0483, 0.4187, 0.3182



29.0483, 0.3179, 0.4404



29.0483, 0.2074, 0.2368

Complementary

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



29.0483, 0.4187, 0.3182



56.4176, 0.2579, 0.3409

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.



29.0483, 0.1985, 0.2696



29.0483, 0.4187, 0.3182



29.0483, 0.2580, 0.3939

Square

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



29.0483, 0.4187, 0.3182



29.0483, 0.3796, 0.4445



29.0483, 0.2156, 0.3267



29.0483, 0.2411, 0.2288

Rectangle

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



29.0483, 0.4187, 0.3182



29.0483, 0.4354, 0.3994



29.0483, 0.2156, 0.3267



29.0483, 0.2016, 0.2449

Sweetspot

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



29.0498, 0.4187, 0.3182



78.8587, 0.3344, 0.3259



30.9578, 0.3082, 0.2180



16.1916, 0.3388, 0.3254



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.



29.0498, 0.4187, 0.3182



36.3409, 0.4542, 0.3165



39.7415, 0.4079, 0.3759



12.4397, 0.3276, 0.3268



8.6791, 0.6285, 0.3236



0.5302, 0.5976, 0.3066

Inverse Universe

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



29.0498, 0.4187, 0.3182



36.3409, 0.4542, 0.3165



39.8272, 0.2440, 0.2755



12.4397, 0.3276, 0.3268



8.6791, 0.6285, 0.3236



0.5302, 0.5976, 0.3066

Previews

White Background



This preview shows how the Yxy color 29.0483, 0.4187, 0.3182 looks on a white background.

Color Contrast Check

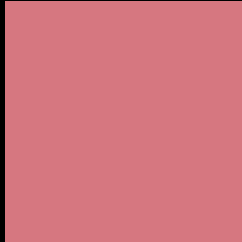
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0483, 0.4187, 0.3182 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 29.0483, 0.4187, 0.3182

Background



This preview shows how black text looks on a background with the Yxy color 29.0483, 0.4187, 0.3182.



This preview shows how white text looks on a background with the Yxy color 29.0483, 0.4187, 0.3182.

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

29.0483, 0.4187, 0.3182

Protanopia

29.4299, 0.3208, 0.3353

Deuteranopia

29.3473, 0.3628, 0.3562



Tritanopia

29.0483, 0.4187, 0.3182

Trichromacy



Original Color

29.0483, 0.4187, 0.3182

Protanomaly

28.7250, 0.3535, 0.3277

Deuteranomaly

28.9700, 0.3833, 0.3419

Tritanomaly

29.0483, 0.4187, 0.3182

Monochromacy



Original Color

29.0483, 0.4187, 0.3182

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.5851, 0.3479, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0483, 0.4187, 0.3182 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(214, 119, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 119, 128) }
```

Border

The CSS property to change the border of an element to Yxy 29.0483, 0.4187, 0.3182 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, 128) }
```

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

```
.border{ border-color:rgb(214, 119, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 119, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 119, 128);  
box-shadow:4px 4px 4px 4px rgb(214, 119,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0483, 0.4187, 0.3182 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, 128) }
```

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

```
.background{ background-color: rgb(214,  
119, 128) }
```

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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