

Converting Colors

$Y_{xy}(28.4106, 0.4180, 0.3040)$

Have a look what the booklet for
Yxy(28.4106, 0.4180, 0.3040)
contains.

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Color

Yxy(28.4369, 0.4182, 0.3040)

Conversions

Conversions Part 1

Format	Color
Hex	DA7186
RGB	218, 113, 134
RGB Percent	85%, 44%, 53%
CMY	0.1451, 0.5568, 0.4745
CMYK	0.00, 0.48, 0.39, 0.15
HSL	348°, 59%, 65%
HSV	348°, 48%, 85%
XYZ	39.1194, 28.4369, 25.9861
YIQ	146.7890, 55.8390, 28.7910

Conversions

Conversions Part 2

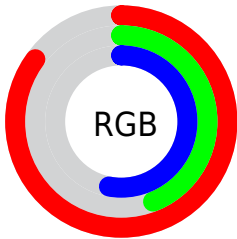
Format	Color
R _Y B	218, 113, 134
Decimal	14315910
CIE Lab	60.28, 43.13, 7.46
CIE LCh	60, 43.766, 9.817
Yxy	28.4369, 0.4182, 0.3040
Android (android.graphics.Color)	4292505990 (0xFFDA7186)
YUV	146.7890, -6.3050, 62.4520
Hunter-Lab	53.3263, 37.6243, 8.4361

Details

The Yxy color **28.4369, 0.4182, 0.3040** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **57.6782, 0.2600, 0.3574**, and the grayscale version is **29.0970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.4853, 0.3760, 0.3082**, and **11.4669, 0.4549, 0.2930** is the 20% darker color. If you saturate the color by 10%, you get **23.6968, 0.4542, 0.3002**, and if you desaturate by 10%, it is **34.4281, 0.3874, 0.3089**.

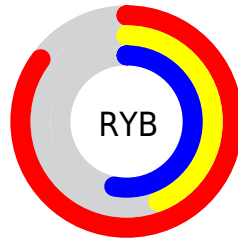
Distribution



Red (85%)

Green (44%)

Blue (53%)



Red (85%)

Yellow (44%)

Blue (53%)

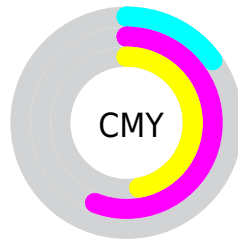


Cyan (0%)

Magenta (48%)

Yellow (39%)

Black (15%)



Cyan (15%)

Magenta (56%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4369, 0.4182, 0.3040 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 28.4369, 0.4182, 0.3040 by changing the saturation by 10% instead.


 28.4369, 0.4182,
0.3040


 28.4369, 0.4182,
0.3040


294.5487, 0.3609,
0.3186

 18.6553, 0.4341,
0.2996


 57.1812, 0.3962,
0.3099

 11.4214, 0.4555,
0.2933


 76.9127, 0.3883,
0.3119

 6.3511, 0.4856,
0.2840


 100.7296, 0.3818,
0.3136

 3.0597, 0.5309,
0.2690

129.0162, 0.3762,
0.3149

 1.1630, 0.6074,
0.2428

162.1571, 0.3716,
0.3161

 0.0312, 0.9726,
0.0274


200.5365, 0.3675,

 0.0000, 1.0000,

0.3170


0.0000

244.5389, 0.3640,
0.3179


 0.0000, 0.0000,
0.0000

 28.4369, 0.4182,
0.3040

 28.4369, 0.4182,
0.3040

 23.6968, 0.4542,
0.3002

 34.4281, 0.3874,
0.3089

 20.1146, 0.4944,
0.2984


 41.7464, 0.3618,
0.3143


 17.5908, 0.5359,
0.2996

 50.4666, 0.3410,
0.3198


 16.0074, 0.5743,
0.3043

 60.6570, 0.3241,
0.3250

 15.1945, 0.6049,
0.3120

 72.3811, 0.3104,
0.3299

 15.0823, 0.6097,
0.3133

 85.6988, 0.2994,
0.3344

 93.6434, 0.2906,
0.3289

Harmonies

Analogous

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



28.4369, 0.3504, 0.2590



28.4369, 0.4182, 0.3040



28.4369, 0.4540, 0.3567

Triad

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



28.4369, 0.4182, 0.3040



28.4369, 0.3342, 0.4594



28.4369, 0.1926, 0.2333

Complementary

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



28.4369, 0.4182, 0.3040



57.6782, 0.2600, 0.3574

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.



28.4369, 0.1894, 0.2754



28.4369, 0.4182, 0.3040



28.4369, 0.2662, 0.4180

Square

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



28.4369, 0.4182, 0.3040



28.4369, 0.4000, 0.4509



28.4369, 0.2144, 0.3438



28.4369, 0.2227, 0.2190

Rectangle

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



28.4369, 0.4182, 0.3040



28.4369, 0.4531, 0.3925



28.4369, 0.2144, 0.3438



28.4369, 0.1885, 0.2441

Sweetspot

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



28.4383, 0.4182, 0.3040



77.5950, 0.3337, 0.3219



28.5091, 0.2953, 0.2047



15.9519, 0.3375, 0.3208



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.



28.4383, 0.4182, 0.3040



33.5934, 0.4556, 0.3001



35.6677, 0.4268, 0.3652



13.0939, 0.3260, 0.3243



9.0494, 0.6065, 0.3115



0.5986, 0.5614, 0.2866

Inverse Universe

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



28.4383, 0.4182, 0.3040



33.5934, 0.4556, 0.3001



44.6439, 0.2418, 0.2878



13.0939, 0.3260, 0.3243



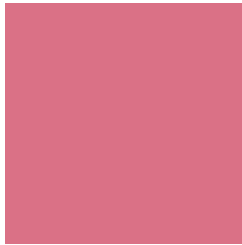
9.0494, 0.6065, 0.3115



0.5986, 0.5614, 0.2866

Previews

White Background



This preview shows how the Yxy color 28.4369, 0.4182, 0.3040 looks on a white background.

Color Contrast Check

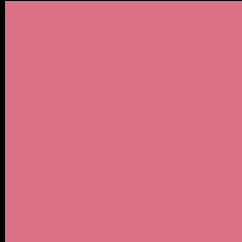
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4369, 0.4182, 0.3040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

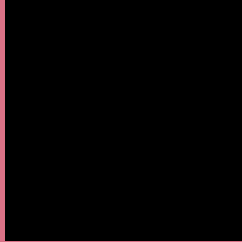
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4369, 0.4182, 0.3040

Background



This preview shows how black text looks on a background with the Yxy color 28.4369, 0.4182, 0.3040.



This preview shows how white text looks on a background with the Yxy color 28.4369, 0.4182, 0.3040.

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

28.4369, 0.4182, 0.3040

Protanopia

28.7208, 0.3080, 0.3180

Deuteranopia

28.4481, 0.3534, 0.3459



Tritanopia

28.4432, 0.4307, 0.3197

Trichromacy



Original Color

28.4369, 0.4182, 0.3040

Protanomaly

27.7036, 0.3455, 0.3114

Deuteranomaly

27.9182, 0.3767, 0.3278

Tritanomaly

28.3186, 0.4260, 0.3136

Monochromacy



Original Color

28.4369, 0.4182, 0.3040

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.1652, 0.3484, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4369, 0.4182, 0.3040 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(218, 113, 134)` looks like.

```
.text, #text, p{  
    color:rgb(218, 113, 134)  
}
```

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(218, 113, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 113, 134) }
```

Border

The CSS property to change the border of an element to Yxy 28.4369, 0.4182, 0.3040 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(218, 113, 134) }
```

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

```
.border{ border-color:rgb(218, 113, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 113, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 113, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 113, 134);  
box-shadow:4px 4px 4px 4px rgb(218, 113,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4369, 0.4182, 0.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 113, 134) }
```

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

```
.background{ background-color: rgb(218,  
113, 134) }
```

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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