

Converting Colors

$Y_{xy}(30.0361, 0.3874, 0.2813)$

Have a look what the booklet for
Yxy(30.0361, 0.3874, 0.2813)
contains.

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Color

Yxy(30.0623, 0.3868, 0.2811)

Conversions

Conversions Part 1

Format	Color
Hex	DA759D
RGB	218, 117, 157
RGB Percent	85%, 46%, 62%
CMY	0.1450, 0.5412, 0.3843
CMYK	0.00, 0.46, 0.28, 0.14
HSL	336°, 58%, 66%
HSV	336°, 46%, 86%
XYZ	41.3664, 30.0623, 35.5165
YIQ	151.7590, 47.3560, 33.8520

Conversions

Conversions Part 2

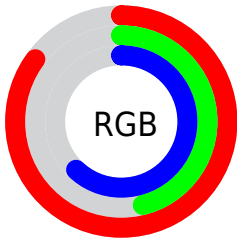
Format	Color
R _Y B	218, 117, 157
Decimal	14316957
CIE Lab	61.71, 43.97, -3.70
CIE LCh	62, 44.120, 355.196
Yxy	30.0623, 0.3868, 0.2811
Android (android.graphics.Color)	4292507037 (0xFFDA759D)
YUV	151.7590, 2.5838, 58.0934
Hunter-Lab	54.8291, 38.7203, -0.0258

Details

The Yxy color **30.0623, 0.3868, 0.2811** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **57.1546, 0.2721, 0.3845**, and the grayscale version is **31.2632, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.0890, 0.3531, 0.2879**, and **12.3983, 0.4117, 0.2660** is the 20% darker color. If you saturate the color by 10%, you get **25.1359, 0.4120, 0.2722**, and if you desaturate by 10%, it is **36.2231, 0.3651, 0.2913**.

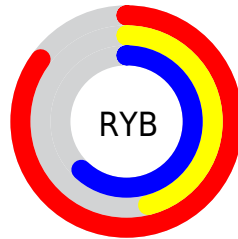
Distribution



Red (85%)

Green (46%)

Blue (62%)



Red (85%)

Yellow (46%)

Blue (62%)

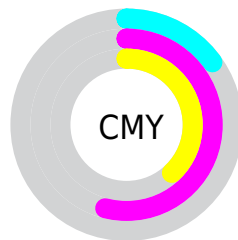


Cyan (0%)

Magenta (46%)

Yellow (28%)

Black (14%)



Cyan (15%)

Magenta (54%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0623, 0.3868, 0.2811 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 30.0623, 0.3868, 0.2811 by changing the saturation by 10% instead.


 30.0623, 0.3868,
0.2811


 30.0623, 0.3868,
0.2811

302.1947, 0.3474,
0.3062

 19.8859, 0.3974,
0.2745


 59.7607, 0.3719,
0.2905

 12.3121, 0.4115,
0.2657


 80.0514, 0.3665,
0.2939

 6.9566, 0.4312,
0.2537


 104.4824, 0.3620,
0.2968

 3.4350, 0.4603,
0.2362

133.4381, 0.3582,
0.2993

 1.3628, 0.5076,
0.2085

167.3027, 0.3549,
0.3014

 0.1891, 0.6695,
0.0956

206.4608, 0.3521,

 0.0000, 1.0000,

0.3032

0.0000

251.2967, 0.3496,
0.3048

0.0000, 0.0000,
0.0000

30.0623, 0.3868,
0.2811

30.0623, 0.3868,
0.2811

25.1359, 0.4120,
0.2722

36.2231, 0.3651,
0.2913

21.3546, 0.4405,
0.2657

43.6908, 0.3469,
0.3021

18.6242, 0.4713,
0.2630


52.5372, 0.3318,
0.3127

16.8330, 0.5025,
0.2652

62.8277, 0.3194,
0.3229

15.8408, 0.5319,
0.2726

74.6236, 0.3092,
0.3324

 15.5871, 0.5422,
0.2760

 87.9825, 0.3009,
0.3413

 93.2813, 0.2937,
0.3349

 93.6500, 0.2906,
0.3289

Harmonies

Analogous

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



30.0623, 0.3140, 0.2428



30.0623, 0.3868, 0.2811



30.0623, 0.4405, 0.3306

Triad

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



30.0623, 0.3868, 0.2811



30.0623, 0.3673, 0.4595



30.0623, 0.1887, 0.2510

Complementary

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



30.0623, 0.3868, 0.2811



57.1546, 0.2721, 0.3845

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.



30.0623, 0.1990, 0.3064



30.0623, 0.3868, 0.2811



30.0623, 0.2987, 0.4430

Square

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



30.0623, 0.3868, 0.2811



30.0623, 0.4248, 0.4324



30.0623, 0.2375, 0.3810



30.0623, 0.2057, 0.2237

Rectangle

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



30.0623, 0.3868, 0.2811



30.0623, 0.4543, 0.3662



30.0623, 0.2375, 0.3810



30.0623, 0.1890, 0.2664

Sweetspot

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



30.0638, 0.3868, 0.2811



77.9877, 0.3289, 0.3150



27.2025, 0.2780, 0.2028



16.0467, 0.3318, 0.3127



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.



30.0638, 0.3868, 0.2811



35.7472, 0.4125, 0.2721



31.3966, 0.4323, 0.3416



13.1365, 0.3230, 0.3198



9.3553, 0.5384, 0.2739



0.6228, 0.4950, 0.2501

Inverse Universe

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



30.0638, 0.3868, 0.2811



35.7472, 0.4125, 0.2721



53.9200, 0.2488, 0.3154



13.1365, 0.3230, 0.3198



9.3553, 0.5384, 0.2739



0.6228, 0.4950, 0.2501

Previews

White Background



This preview shows how the Yxy color 30.0623, 0.3868, 0.2811 looks on a white background.

Color Contrast Check

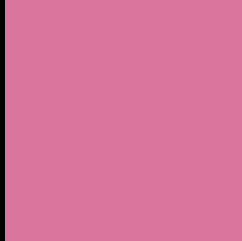
Large Text (above 18pt) WCAG AA × Fail

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 30.0623, 0.3868, 0.2811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

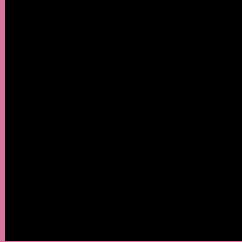
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.0623, 0.3868, 0.2811

Background



This preview shows how black text looks on a background with the Yxy color 30.0623, 0.3868, 0.2811.



This preview shows how white text looks on a background with the Yxy color 30.0623, 0.3868, 0.2811.

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

30.0623, 0.3868, 0.2811

Protanopia

30.2834, 0.2828, 0.2852

Deuteranopia

30.3043, 0.3248, 0.3186



Tritanopia

30.1567, 0.4156, 0.3183

Trichromacy



Original Color

30.0623, 0.3868, 0.2811

Protanomaly

29.4515, 0.3160, 0.2820

Deuteranomaly

29.7283, 0.3462, 0.3025

Tritanomaly

30.0781, 0.4061, 0.3049

Monochromacy



Original Color

30.0623, 0.3868, 0.2811

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.0284, 0.3377, 0.3076

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0623, 0.3868, 0.2811 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, 117, 157)` looks like.

```
.text, #text, p{  
    color:rgb(218, 117, 157)  
}
```

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, 117, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 117, 157) }
```

Border

The CSS property to change the border of an element to Yxy 30.0623, 0.3868, 0.2811 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, 117, 157) }
```

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

```
.border{ border-color:rgb(218, 117, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 117, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 117, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 117, 157); box-shadow:4px 4px 4px 4px rgb(218, 117, 157) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0623, 0.3868, 0.2811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 117, 157) }
```

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

```
.background{ background-color: rgb(218,  
117, 157) }
```

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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