

Converting Colors

$Y_{xy}(28.8130, 0.3746, 0.3023)$

Have a look what the booklet for
Yxy(28.8130, 0.3746, 0.3023)
contains.

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Color

Yxy(28.8673, 0.3738, 0.3025)

Conversions

Conversions Part 1

Format	Color
Hex	C57E92
RGB	197, 126, 146
RGB Percent	77%, 49%, 57%
CMY	0.2275, 0.5058, 0.4274
CMYK	0.00, 0.36, 0.26, 0.23
HSL	343°, 38%, 63%
HSV	343°, 36%, 77%
XYZ	35.6714, 28.8673, 30.8904
YIQ	149.5090, 35.8960, 21.2720

Conversions

Conversions Part 2

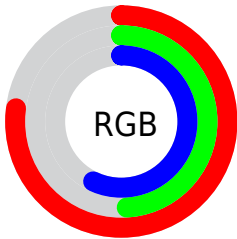
Format	Color
RYB	197, 126, 146
Decimal	12942994
CIELab	60.66, 30.21, 0.76
CIElCh	61, 30.219, 1.447
Yxy	28.8673, 0.3738, 0.3025
Android (android.graphics.Color)	4291133074 (0xFFC57E92)
YUV	149.5090, -1.7299, 41.6496
Hunter-Lab	53.7283, 24.4855, 3.5218

Details

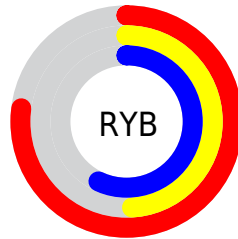
The Yxy color **28.8673, 0.3738, 0.3025** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.5328, 0.2747, 0.3577**, and the grayscale version is **30.2777, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.0726, 0.3610, 0.3084**, and **11.7642, 0.3951, 0.2932** is the 20% darker color. If you saturate the color by 10%, you get **23.9032, 0.3998, 0.2953**, and if you desaturate by 10%, it is **34.8804, 0.3522, 0.3101**.

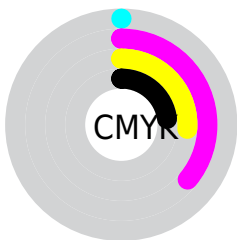
Distribution



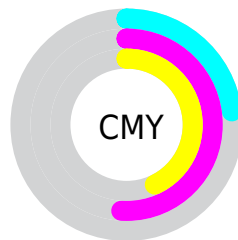
- Red (77%)
- Green (49%)
- Blue (57%)



- Red (77%)
- Yellow (49%)
- Blue (57%)



- Cyan (0%)
- Magenta (36%)
- Yellow (26%)
- Black (23%)





- Cyan (23%)
- Magenta (51%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.8673, 0.3738, 0.3025 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 28.8673, 0.3738, 0.3025 by changing the saturation by 10% instead.


 28.8673, 0.3738,
0.3025


 28.8673, 0.3738,
0.3025


296.5883, 0.3408,
0.3169


 18.9805, 0.3829,
0.2985


 57.8662, 0.3612,
0.3080

 11.6562, 0.3952,
0.2931


 77.7470, 0.3566,
0.3100

 6.5100, 0.4127,
0.2854


 101.7280, 0.3529,
0.3116

 3.1576, 0.4393,
0.2735

130.1934, 0.3497,
0.3130

 1.2146, 0.4846,
0.2532

163.5278, 0.3470,
0.3142

 0.0735, 0.8895,
0.0810

202.1155, 0.3446,

 0.0000, 0.0000,


0.3152


0.0000


246.3409, 0.3426,
0.3161


 28.8673, 0.3738,
0.3025


 28.8673, 0.3738,
0.3025

 23.9032, 0.3998,
0.2953


 34.8804, 0.3522,
0.3101


 19.9236, 0.4303,
0.2891


 41.9941, 0.3345,
0.3177


 16.8631, 0.4649,
0.2851


 50.2612, 0.3201,
0.3249


 14.6467, 0.5021,
0.2843


 59.7303, 0.3083,
0.3316

 13.1873, 0.5389,
0.2877

 70.4468, 0.2988,
0.3378

 12.3756, 0.5718,
0.2955

 82.4540, 0.2909,
0.3435

 12.1480, 0.5837,
0.2989

 89.9825, 0.2840,
0.3395

 90.6073, 0.2789,
0.3289

Harmonies

Analogous

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



28.8673, 0.3252, 0.2714



28.8673, 0.3738, 0.3025



28.8673, 0.4058, 0.3408

Triad

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



28.8673, 0.3738, 0.3025



28.8673, 0.3436, 0.4186



28.8673, 0.2236, 0.2691

Complementary

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



28.8673, 0.3738, 0.3025



47.5328, 0.2747, 0.3577

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.



28.8673, 0.2277, 0.3057



28.8673, 0.3738, 0.3025



28.8673, 0.2947, 0.3986

Square

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



28.8673, 0.3738, 0.3025



28.8673, 0.3862, 0.4092



28.8673, 0.2527, 0.3545



28.8673, 0.2407, 0.2515

Rectangle

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



28.8673, 0.3738, 0.3025



28.8673, 0.4118, 0.3669



28.8673, 0.2527, 0.3545



28.8673, 0.2226, 0.2793

Sweetspot

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



28.8687, 0.3738, 0.3025



82.1605, 0.3271, 0.3212



28.2879, 0.2962, 0.2351



17.1546, 0.3292, 0.3202



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.



28.8687, 0.3738, 0.3025



44.7623, 0.3932, 0.2969



32.5392, 0.3910, 0.3498



10.6853, 0.3246, 0.3225



8.0048, 0.5803, 0.2971



0.3917, 0.5191, 0.2633

Inverse Universe

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



28.8687, 0.3738, 0.3025



44.7623, 0.3932, 0.2969



41.7604, 0.2596, 0.3068



10.6853, 0.3246, 0.3225



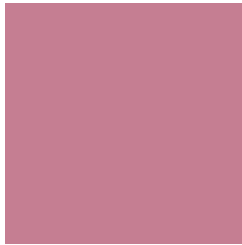
8.0048, 0.5803, 0.2971



0.3917, 0.5191, 0.2633

Previews

White Background



This preview shows how the Yxy color 28.8673, 0.3738, 0.3025 looks on a white background.

Color Contrast Check

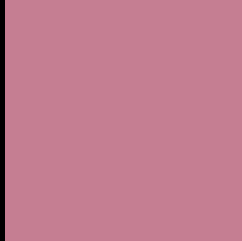
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8673, 0.3738, 0.3025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

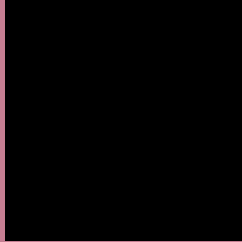
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.8673, 0.3738, 0.3025

Background



This preview shows how black text looks on a background with the Yxy color 28.8673, 0.3738, 0.3025.



This preview shows how white text looks on a background with the Yxy color 28.8673, 0.3738, 0.3025.

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

28.8673, 0.3738, 0.3025

Protanopia

29.1374, 0.3014, 0.3102

Deuteranopia

29.0106, 0.3334, 0.3275



Tritanopia

28.9802, 0.3829, 0.3171

Trichromacy



Original Color

28.8673, 0.3738, 0.3025

Protanomaly

28.7977, 0.3257, 0.3067

Deuteranomaly

28.7359, 0.3482, 0.3174

Tritanomaly

28.8080, 0.3797, 0.3117

Monochromacy



Original Color

28.8673, 0.3738, 0.3025

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.4352, 0.3328, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.8673, 0.3738, 0.3025 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(197, 126, 146)` looks like.

```
.text, #text, p{  
    color:rgb(197, 126, 146)  
}
```

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(197, 126, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 126, 146) }
```

Border

The CSS property to change the border of an element to Yxy 28.8673, 0.3738, 0.3025 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(197, 126, 146) }
```

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

```
.border{ border-color:rgb(197, 126, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 126, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 126, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 126, 146);  
box-shadow:4px 4px 4px 4px rgb(197, 126,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8673, 0.3738, 0.3025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 126, 146) }
```

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

```
.background{ background-color: rgb(197,  
126, 146) }
```

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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