

Converting Colors

$Y_{xy}(29.2049, 0.3385, 0.2637)$

Have a look what the booklet for
Yxy(29.2049, 0.3385, 0.2637)
contains.

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Color

Yxy(29.1126, 0.3381, 0.2628)

Conversions

Conversions Part 1	
Format	Color
Hex	C37CAF
RGB	195, 124, 175
RGB Percent	76%, 49%, 69%
CMY	0.2353, 0.5137, 0.3137
CMYK	0.00, 0.36, 0.10, 0.24
HSL	317°, 37%, 63%
HSV	317°, 36%, 76%
XYZ	37.4542, 29.1126, 44.2117
YIQ	151.0430, 25.9450, 30.9130

Conversions

Conversions Part 2

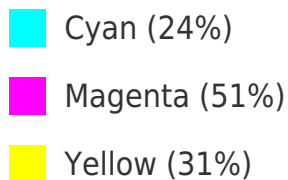
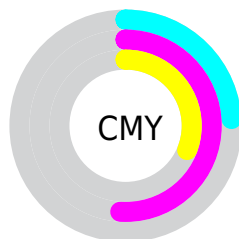
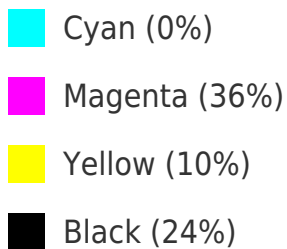
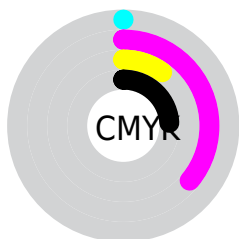
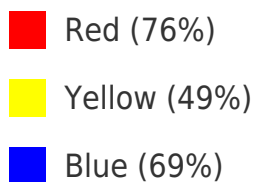
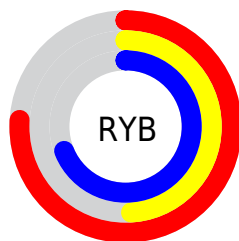
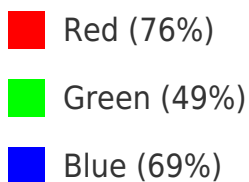
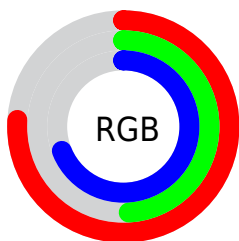
Format	Color
RYB	195, 124, 175
Decimal	12811439
CIELab	60.88, 35.19, -15.55
CIELCh	61, 38.469, 336.162
Yxy	29.1126, 0.3381, 0.2628
Android (android.graphics.Color)	4291001519 (0xFFC37CAF)
YUV	151.0430, 11.8108, 38.5503
Hunter-Lab	53.9561, 29.4846, -10.8131

Details

The Yxy color $29.1126, 0.3381, 0.2628$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $45.3326, 0.2945, 0.4062$, and the grayscale version is $30.9079, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.4930, 0.3334, 0.2753$, and $11.7457, 0.3463, 0.2434$ is the 20% darker color. If you saturate the color by 10%, you get $24.4887, 0.3475, 0.2451$, and if you desaturate by 10%, it is $34.7143, 0.3297, 0.2813$.


Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1126, 0.3381, 0.2628 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 29.1126, 0.3381, 0.2628 by changing the saturation by 10% instead.


 29.1126, 0.3381,
0.2628


 29.1126, 0.3381,
0.2628


297.7459, 0.3253,
0.2966

 19.1660, 0.3413,
0.2542


 58.2559, 0.3334,
0.2752

 11.7903, 0.3454,
0.2431

 78.2215, 0.3317,
0.2798

 6.6011, 0.3509,
0.2281


 102.2955, 0.3302,
0.2837

 3.2139, 0.3585,
0.2070

130.8623, 0.3289,
0.2870

 1.2444, 0.3695,
0.1755

164.3064, 0.3278,
0.2899

 0.0975, 0.4222,
0.0430


203.0120, 0.3269,


 0.0000, 0.0000,


0.2924


0.0000

247.3637, 0.3260,
0.2946

 29.1126, 0.3381,
0.2628


 29.1126, 0.3381,
0.2628

 24.4887, 0.3475,
0.2451

 34.7143, 0.3297,
0.2813


 20.7814, 0.3580,
0.2292


 41.3427, 0.3225,
0.2998


 17.9286, 0.3692,
0.2160


 49.0477, 0.3162,
0.3178

 15.8587, 0.3808,
0.2065


 57.8753, 0.3109,
0.3351


 14.4887, 0.3926,
0.2017

 67.8684, 0.3064,
0.3512

 13.7105, 0.4040,
0.2016

 79.0678, 0.3027,
0.3663

 13.5001, 0.4081,
0.2022

 87.9502, 0.2995,
0.3746

 88.2345, 0.2966,
0.3683

 88.5284, 0.2937,
0.3622

Harmonies

Analogous

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



29.1126, 0.2756, 0.2377



29.1126, 0.3381, 0.2628



29.1126, 0.3986, 0.3022

Triad

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



29.1126, 0.3381, 0.2628



29.1126, 0.3967, 0.4334



29.1126, 0.2047, 0.2893

Complementary

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



29.1126, 0.3381, 0.2628



45.3326, 0.2945, 0.4062

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.



29.1126, 0.2307, 0.3507



29.1126, 0.3381, 0.2628



29.1126, 0.3404, 0.4431

Square

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



29.1126, 0.3381, 0.2628



29.1126, 0.4324, 0.3965



29.1126, 0.2796, 0.4119



29.1126, 0.2042, 0.2482

Rectangle

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



29.1126, 0.3381, 0.2628



29.1126, 0.4263, 0.3332



29.1126, 0.2796, 0.4119



29.1126, 0.2105, 0.3081

Sweetspot

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



29.1139, 0.3381, 0.2628



81.0275, 0.3191, 0.3094



24.1890, 0.2643, 0.2253



17.3289, 0.3199, 0.3068



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.



29.1139, 0.3381, 0.2628



45.1692, 0.3458, 0.2481



27.9283, 0.3789, 0.3068



10.1976, 0.3180, 0.3126



8.7883, 0.4066, 0.2014



0.3910, 0.3833, 0.1885

Inverse Universe

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



29.1139, 0.3381, 0.2628



45.1692, 0.3458, 0.2481



46.5514, 0.2722, 0.3529



10.1976, 0.3180, 0.3126



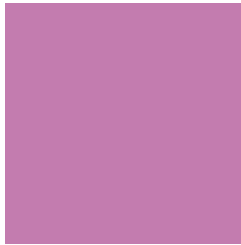
8.7883, 0.4066, 0.2014



0.3910, 0.3833, 0.1885

Previews

White Background



This preview shows how the Yxy color 29.1126, 0.3381, 0.2628 looks on a white background.

Color Contrast Check

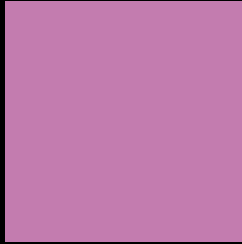
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1126, 0.3381, 0.2628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

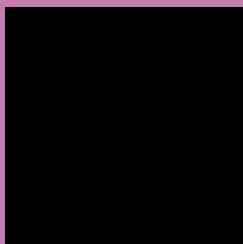
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1126, 0.3381, 0.2628

Background



This preview shows how black text looks on a background with the Yxy color 29.1126, 0.3381, 0.2628.



This preview shows how white text looks on a background with the Yxy color 29.1126, 0.3381, 0.2628.

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

29.1126, 0.3381, 0.2628

Protanopia

29.5097, 0.2652, 0.2633

Deuteranopia

29.3708, 0.2935, 0.2882



Tritanopia

29.2321, 0.3713, 0.3154

Trichromacy



Original Color

29.1126, 0.3381, 0.2628



Protanomaly

28.8478, 0.2876, 0.2613



Deuteranomaly

28.9769, 0.3088, 0.2786



Tritanomaly

28.9447, 0.3592, 0.2953

Monochromacy



Original Color

29.1126, 0.3381, 0.2628



Achromatopsia

30.9469, 0.3127, 0.3290



Achromatomaly

29.8033, 0.3215, 0.3012

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1126, 0.3381, 0.2628 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(195, 124, 175)` looks like.

```
.text, #text, p{  
    color:rgb(195, 124, 175)  
}
```


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(195, 124, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 124, 175) }
```

Border

The CSS property to change the border of an element to Yxy 29.1126, 0.3381, 0.2628 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(195, 124, 175) }
```


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

```
.border{ border-color:rgb(195, 124, 175) }
```

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

Here you see how a box with a 4 pixel rgb(195, 124, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 124, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 124, 175);  
box-shadow:4px 4px 4px 4px rgb(195, 124,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1126, 0.3381, 0.2628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 124, 175) }
```

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

```
.background{ background-color: rgb(195,  
124, 175) }
```

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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