

Converting Colors

$Yxy(41.9456, 0.2914, 0.2489)$

Have a look what the booklet for
Yxy(41.9456, 0.2914, 0.2489)
contains.

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Color

Yxy(41.8150, 0.2911, 0.2485)

Conversions

Conversions Part 1

Format	Color
Hex	C59EE2
RGB	197, 158, 226
RGB Percent	77%, 62%, 89%
CMY	0.2275, 0.3804, 0.1136
CMYK	0.13, 0.30, 0.00, 0.11
HSL	274°, 54%, 75%
HSV	274°, 30%, 89%
XYZ	48.9833, 41.8150, 77.4713
YIQ	177.4130, 1.4160, 29.4160

Conversions

Conversions Part 2

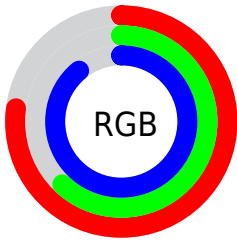
Format	Color
R _Y B	197, 158, 226
Decimal	12951266
CIE Lab	70.74, 26.98, -28.99
CIE LCh	71, 39.603, 312.941
Yxy	41.8150, 0.2911, 0.2485
Android (android.graphics.Color)	4291141346 (0xFFC59EE2)
YUV	177.4130, 23.9534, 17.1778
Hunter-Lab	64.6645, 22.0506, -25.7672

Details

The Yxy color $41.8150, 0.2911, 0.2485$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $67.4560, 0.3288, 0.4116$, and the grayscale version is $44.0670, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.8793, 0.3139, 0.2880$, and $18.9611, 0.2840, 0.2285$ is the 20% darker color. If you saturate the color by 10%, you get $33.5402, 0.2817, 0.2196$, and if you desaturate by 10%, it is $51.5949, 0.2994, 0.2768$.

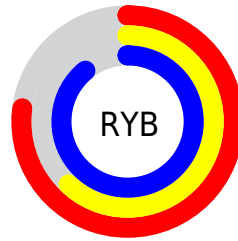
Distribution



Red (77%)

Green (62%)

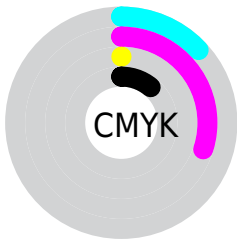
Blue (89%)



Red (77%)

Yellow (62%)

Blue (89%)

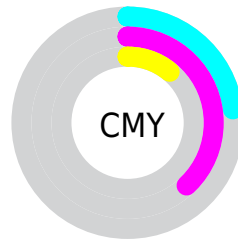


Cyan (13%)

Magenta (30%)

Yellow (0%)

Black (11%)



Cyan (23%)


Magenta (38%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.8150, 0.2911, 0.2485 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 41.8150, 0.2911, 0.2485 by changing the saturation by 10% instead.


 41.8150, 0.2911,
0.2485

 41.8150, 0.2911,
0.2485

353.7155, 0.3027,
0.2869

 28.9565, 0.2880,
0.2395


 77.9196, 0.2955,
0.2620

 19.0479, 0.2839,
0.2283


 101.9344, 0.2971,
0.2672

 11.7049, 0.2784,
0.2140


130.4367, 0.2984,
0.2717

 6.5431, 0.2705,
0.1952

163.8110, 0.2995,
0.2756

 3.1780, 0.2584,
0.1696

202.4416, 0.3005,
0.2789

 1.2254, 0.2385,
0.1335

246.7130, 0.3014,

 0.0823, 0.2132,

0.2819

0.0238

297.0095, 0.3021,
0.2846

0.0000, 0.0000,
0.0000

41.8150, 0.2911,
0.2485

41.8150, 0.2911,
0.2485

33.5402, 0.2817,
0.2196

51.5949, 0.2994,
0.2768

26.6859, 0.2713,
0.1910

62.9480, 0.3066,
0.3037

21.1668, 0.2601,
0.1640

75.9446, 0.3127,
0.3288

16.8863, 0.2486,
0.1401

90.6491, 0.3178,
0.3518

13.7338, 0.2371,
0.1205

96.4701, 0.3234,
0.3577

■ 11.5784, 0.2261,
0.1060

■ 98.2538, 0.3297,
0.3571

■ 10.2027, 0.2161,
0.0964

■ 98.2734, 0.3297,
0.3571

Harmonies

Analogous

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



41.8150, 0.2435, 0.2388



41.8150, 0.2911, 0.2485



41.8150, 0.3495, 0.2753

Triad

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



41.8150, 0.2911, 0.2485



41.8150, 0.4175, 0.4007



41.8150, 0.2300, 0.3356

Complementary

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



41.8150, 0.2911, 0.2485



67.4560, 0.3288, 0.4116

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.



41.8150, 0.2712, 0.3930



41.8150, 0.2911, 0.2485



41.8150, 0.3797, 0.4294

Square

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



41.8150, 0.2911, 0.2485



41.8150, 0.4264, 0.3586



41.8150, 0.3259, 0.4293



41.8150, 0.2109, 0.2827

Rectangle

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



41.8150, 0.2911, 0.2485



41.8150, 0.3859, 0.3003



41.8150, 0.3259, 0.4293



41.8150, 0.2416, 0.3554

Sweetspot

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



41.8167, 0.2911, 0.2485



84.4102, 0.3073, 0.3064



48.5096, 0.2640, 0.2802



17.5640, 0.3063, 0.3026



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.



41.8167, 0.2911, 0.2485



48.0551, 0.2854, 0.2308



45.8772, 0.3201, 0.2589



13.6291, 0.3070, 0.3054



5.8896, 0.2176, 0.0973



0.4607, 0.2331, 0.1057

Inverse Universe

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



44.2197, 0.3515, 0.2956



51.8083, 0.3624, 0.2885



64.3131, 0.3059, 0.4109



13.7972, 0.3225, 0.3190



9.7339, 0.5259, 0.2671



0.6924, 0.4867, 0.2455

Previews

White Background



This preview shows how the Yxy color 41.8150, 0.2911, 0.2485 looks on a white background.

Color Contrast Check

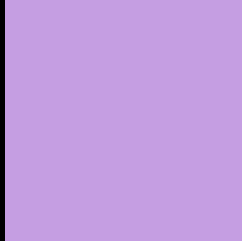
Large Text (above 18pt) WCAG AA × Fail

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 41.8150, 0.2911, 0.2485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

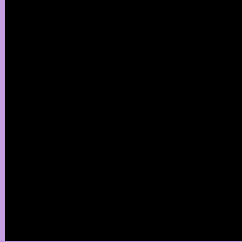
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.8150, 0.2911, 0.2485

Background



This preview shows how black text looks on a background with the Yxy color 41.8150, 0.2911, 0.2485.



This preview shows how white text looks on a background with the Yxy color 41.8150, 0.2911, 0.2485.

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

41.8150, 0.2911, 0.2485

Protanopia

42.0520, 0.2527, 0.2469

Deuteranopia

41.9178, 0.2663, 0.2600



Tritanopia

41.8799, 0.3227, 0.3122

Trichromacy



Original Color

41.8150, 0.2911, 0.2485

Protanomaly

41.6447, 0.2658, 0.2472

Deuteranomaly

41.8226, 0.2744, 0.2555

Tritanomaly

41.9196, 0.3110, 0.2875

Monochromacy



Original Color

41.8150, 0.2911, 0.2485

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

42.8799, 0.3045, 0.2968

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8150, 0.2911, 0.2485 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, 158, 226)` looks like.

```
.text, #text, p{  
    color:rgb(197, 158, 226)  
}
```

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, 158, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 158, 226) }
```

Border

The CSS property to change the border of an element to Yxy 41.8150, 0.2911, 0.2485 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, 158, 226) }
```

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

```
.border{ border-color:rgb(197, 158, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 158, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 158, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 158, 226);  
box-shadow:4px 4px 4px 4px rgb(197, 158,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8150, 0.2911, 0.2485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 158, 226) }
```

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

```
.background{ background-color: rgb(197,  
158, 226) }
```

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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