

Converting Colors

$Yxy(51.3767, 0.3010, 0.2683)$

Have a look what the booklet for
Yxy(51.3767, 0.3010, 0.2683)
contains.

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Color

Yxy(51.3599, 0.3008, 0.2683)

Conversions

Conversions Part 1

Format	Color
Hex	D5B1E7
RGB	213, 177, 231
RGB Percent	84%, 69%, 91%
CMY	0.1648, 0.3058, 0.0941
CMYK	0.08, 0.23, 0.00, 0.09
HSL	280°, 53%, 80%
HSV	280°, 23%, 91%
XYZ	57.5813, 51.3599, 82.4860
YIQ	193.9200, 4.1220, 24.4260

Conversions

Conversions Part 2

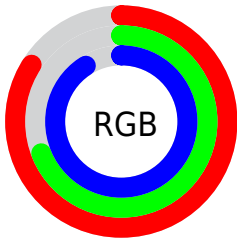
Format	Color
R_{YB}	213, 177, 231
Decimal	14004711
CIE _{Lab}	76.90, 22.66, -22.15
CIE _{LCh}	77, 31.690, 315.645
Yxy	51.3599, 0.3008, 0.2683
Android (android.graphics.Color)	4292194791 (0xFFD5B1E7)
YUV	193.9200, 18.2804, 16.7332
Hunter-Lab	71.6658, 18.0041, -18.0755

Details

The Yxy color **51.3599, 0.3008, 0.2683** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **71.9407, 0.3220, 0.3924**, and the grayscale version is **53.7871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7578, 0.3137, 0.3078**, and **24.7795, 0.2975, 0.2538** is the 20% darker color. If you saturate the color by 10%, you get **41.8683, 0.2942, 0.2405**, and if you desaturate by 10%, it is **62.4554, 0.3065, 0.2953**.

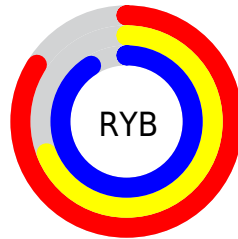
Distribution



Red (84%)

Green (69%)

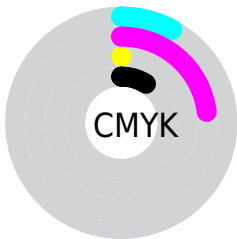
Blue (91%)



Red (84%)

Yellow (69%)

Blue (91%)

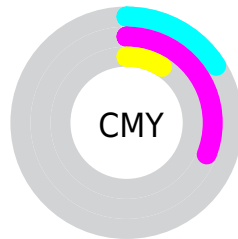


Cyan (8%)

Magenta (23%)

Yellow (0%)

Black (9%)



Cyan (16%)


Magenta (31%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.3599, 0.3008, 0.2683 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 51.3599, 0.3008, 0.2683 by changing the saturation by 10% instead.


 51.3599, 0.3008,
0.2683

 51.3599, 0.3008,
0.2683


391.9605, 0.3071,
0.2968

 36.4951, 0.2992,
0.2617


 92.1865, 0.3031,
0.2782

 24.8168, 0.2970,
0.2536


118.9172, 0.3040,
0.2821

 15.9406, 0.2942,
0.2432


150.3719, 0.3047,
0.2854

 9.4822, 0.2901,
0.2297

186.9351, 0.3054,
0.2883

 5.0570, 0.2840,
0.2112

228.9912, 0.3059,
0.2908

 2.2807, 0.2740,
0.1848

276.9245, 0.3063,

 0.7635, 0.2560,

0.2930

0.1438

331.1194, 0.3067,
0.2950

0.0000, 0.1599,
0.0000

0.0000, 0.0000,
0.0000

51.3599, 0.3008,
0.2683

51.3599, 0.3008,
0.2683

41.8683, 0.2942,
0.2405

62.4554, 0.3065,
0.2953

33.8957, 0.2867,
0.2127

75.2214, 0.3113,
0.3208

27.3589, 0.2785,
0.1861

89.7284, 0.3153,
0.3445

22.1641, 0.2697,
0.1617

96.4943, 0.3196,
0.3527

■ 18.2059, 0.2605,
0.1409

■ 97.9025, 0.3246,
0.3524

■ 15.3627, 0.2514,
0.1246

■ 98.5500, 0.3268,
0.3522

■ 13.4872, 0.2426,
0.1133

■ 12.6249, 0.2371,
0.1080

Harmonies

Analogous

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



51.3599, 0.2630, 0.2597



51.3599, 0.3008, 0.2683



51.3599, 0.3445, 0.2904

Triad

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



51.3599, 0.3008, 0.2683



51.3599, 0.3901, 0.3872



51.3599, 0.2480, 0.3309

Complementary

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



51.3599, 0.3008, 0.2683



71.9407, 0.3220, 0.3924

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.



51.3599, 0.2787, 0.3725



51.3599, 0.3008, 0.2683



51.3599, 0.3609, 0.4051

Square

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



51.3599, 0.3008, 0.2683



51.3599, 0.3981, 0.3564



51.3599, 0.3199, 0.4009



51.3599, 0.2342, 0.2923

Rectangle

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



51.3599, 0.3008, 0.2683



51.3599, 0.3706, 0.3106



51.3599, 0.3199, 0.4009



51.3599, 0.2565, 0.3452

Sweetspot

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



51.3621, 0.3008, 0.2683



88.0219, 0.3096, 0.3116



54.5592, 0.2748, 0.2868



18.6300, 0.3093, 0.3101



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.



51.3621, 0.3008, 0.2683



58.3490, 0.2978, 0.2551



53.7632, 0.3218, 0.2791



14.3615, 0.3085, 0.3055



7.1476, 0.2384, 0.1087



0.5785, 0.2506, 0.1154

Inverse Universe

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



52.3828, 0.3451, 0.3088



59.9020, 0.3539, 0.3045



70.0134, 0.3048, 0.3846



14.4470, 0.3240, 0.3212



9.8465, 0.5632, 0.2876



0.7444, 0.5221, 0.2650

Previews

White Background



This preview shows how the Yxy color 51.3599, 0.3008, 0.2683 looks on a white background.

Color Contrast Check

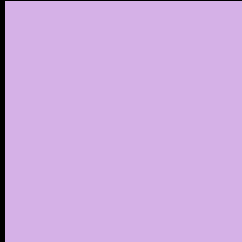
Large Text (above 18pt) WCAG AA × Fail

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 51.3599, 0.3008, 0.2683 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 51.3599, 0.3008, 0.2683

Background



This preview shows how black text looks on a background with the Yxy color 51.3599, 0.3008, 0.2683.



This preview shows how white text looks on a background with the Yxy color 51.3599, 0.3008, 0.2683.

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

51.3599, 0.3008, 0.2683

Protanopia

51.6634, 0.2698, 0.2684

Deuteranopia

51.5938, 0.2839, 0.2780



Tritanopia

51.3081, 0.3228, 0.3124

Trichromacy



Original Color

51.3599, 0.3008, 0.2683

Protanomaly

51.4135, 0.2806, 0.2683

Deuteranomaly

51.5859, 0.2899, 0.2743

Tritanomaly

51.3528, 0.3151, 0.2963

Monochromacy



Original Color

51.3599, 0.3008, 0.2683

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.8889, 0.3089, 0.3063

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3599, 0.3008, 0.2683 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(213, 177, 231)` looks like.

```
.text, #text, p{  
    color:rgb(213, 177, 231)  
}
```

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(213, 177, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 177, 231) }
```

Border

The CSS property to change the border of an element to Yxy 51.3599, 0.3008, 0.2683 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(213, 177, 231) }
```

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

```
.border{ border-color:rgb(213, 177, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 177, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 177, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 177, 231);  
box-shadow:4px 4px 4px 4px rgb(213, 177,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3599, 0.3008, 0.2683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 177, 231) }
```

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

```
.background{ background-color: rgb(213,  
177, 231) }
```

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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