

Converting Colors

$Yxy(46.9891, 0.3024, 0.2893)$

Have a look what the booklet for
Yxy(46.9891, 0.3024, 0.2893)
contains.

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Color

Yxy(47.0741, 0.3027, 0.2899)

Conversions

Conversions Part 1

Format	Color
Hex	C2B0D0
RGB	194, 176, 208
RGB Percent	76%, 69%, 82%
CMY	0.2393, 0.3097, 0.1844
CMYK	0.07, 0.15, 0.00, 0.18
HSL	274°, 25%, 75%
HSV	274°, 15%, 82%
XYZ	49.1526, 47.0741, 66.1538
YIQ	185.0300, 0.4560, 13.7680

Conversions

Conversions Part 2

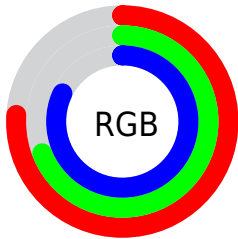
Format	Color
RYB	194, 176, 208
Decimal	12759248
CIELab	74.24, 12.38, -13.81
CIELCh	74, 18.548, 311.873
Yxy	47.0741, 0.3027, 0.2899
Android (android.graphics.Color)	4290949328 (0xFFC2B0D0)
YUV	185.0300, 11.3242, 7.8667
Hunter-Lab	68.6106, 7.8088, -9.1396

Details

The Yxy color $47.0741, 0.3027, 0.2899$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $59.1832, 0.3215, 0.3685$, and the grayscale version is $48.4685, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.4425, 0.3111, 0.3066$, and $22.0745, 0.2989, 0.2781$ is the 20% darker color. If you saturate the color by 10%, you get $38.3667, 0.2948, 0.2623$, and if you desaturate by 10%, it is $57.1088, 0.3095, 0.3159$.

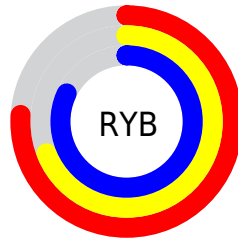
Distribution



Red (76%)

Green (69%)

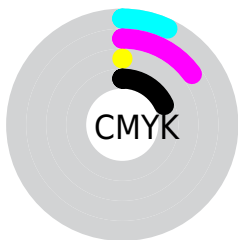
Blue (82%)



Red (76%)

Yellow (69%)

Blue (82%)

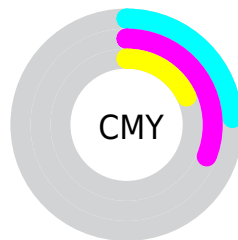


Cyan (7%)

Magenta (15%)

Yellow (0%)

Black (18%)



Cyan (24%)

Magenta (31%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.0741, 0.3027, 0.2899 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 47.0741, 0.3027, 0.2899 by changing the saturation by 10% instead.

■ 47.0741, 0.3027,
0.2899

■ 47.0741, 0.3027,
0.2899

375.1102, 0.3079,
0.3089

■ 33.0942, 0.3014,
0.2853

■ 85.8242, 0.3046,
0.2967

■ 22.1986, 0.2996,
0.2795

111.3633, 0.3053,
0.2993

■ 14.0029, 0.2973,
0.2720

141.5242, 0.3059,
0.3015

■ 8.1227, 0.2940,
0.2618

176.6913, 0.3064,
0.3034

■ 4.1736, 0.2889,
0.2472

217.2491, 0.3069,
0.3050

■ 1.7711, 0.2803,
0.2246

263.5819, 0.3072,

■ 0.4691, 0.2682,

0.3065

0.1682

316.0742, 0.3076,
0.3078

0.0000, 0.0000,
0.0000

47.0741, 0.3027,
0.2899

47.0741, 0.3027,
0.2899

38.3667, 0.2948,
0.2623

57.1088, 0.3095,
0.3159

30.9227, 0.2857,
0.2336

68.5190, 0.3153,
0.3399

24.6815, 0.2755,
0.2047

81.3582, 0.3201,
0.3617

19.5754, 0.2645,
0.1767

92.9628, 0.3245,
0.3775

15.5295, 0.2529,
0.1510

94.5124, 0.3304,
0.3766

■ 12.4598, 0.2411,
0.1290

■ 96.1419, 0.3364,
0.3757

■ 10.2687, 0.2296,
0.1117

■ 97.3329, 0.3406,
0.3751

■ 8.8371, 0.2189,
0.0998

■ 8.3294, 0.2143,
0.0954

Harmonies

Analogous

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



47.0741, 0.2800, 0.2861



47.0741, 0.3027, 0.2899



47.0741, 0.3290, 0.3030

Triad

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



47.0741, 0.3027, 0.2899



47.0741, 0.3609, 0.3633



47.0741, 0.2750, 0.3340

Complementary

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



47.0741, 0.3027, 0.2899



59.1832, 0.3215, 0.3685

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.



47.0741, 0.2955, 0.3573



47.0741, 0.3027, 0.2899



47.0741, 0.3452, 0.3741

Square

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



47.0741, 0.3027, 0.2899



47.0741, 0.3634, 0.3443



47.0741, 0.3211, 0.3722



47.0741, 0.2646, 0.3103

Rectangle

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



47.0741, 0.3027, 0.2899



47.0741, 0.3449, 0.3155



47.0741, 0.3211, 0.3722



47.0741, 0.2809, 0.3422

Sweetspot

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



47.0761, 0.3027, 0.2899



91.0898, 0.3097, 0.3166



50.7837, 0.2887, 0.3068



19.2386, 0.3093, 0.3149



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.



47.0761, 0.3027, 0.2899



70.5160, 0.3006, 0.2822



48.9372, 0.3158, 0.2931



11.7408, 0.3069, 0.3056



5.2508, 0.2156, 0.0961



0.3401, 0.2344, 0.1065

Inverse Universe

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



48.1806, 0.3293, 0.3122



72.5781, 0.3330, 0.3089



57.5305, 0.3097, 0.3677



11.8930, 0.3223, 0.3189



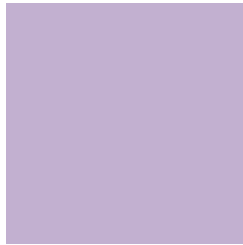
8.8479, 0.5206, 0.2641



0.5105, 0.4749, 0.2390

Previews

White Background



This preview shows how the Yxy color 47.0741, 0.3027, 0.2899 looks on a white background.

Color Contrast Check

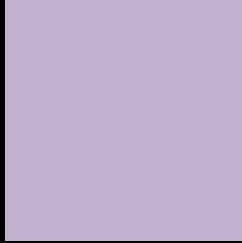
Large Text (above 18pt) WCAG AA × Fail

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 47.0741, 0.3027, 0.2899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

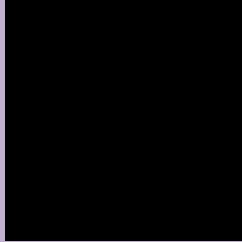
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0741, 0.3027, 0.2899

Background



This preview shows how black text looks on a background with the Yxy color 47.0741, 0.3027, 0.2899.



This preview shows how white text looks on a background with the Yxy color 47.0741, 0.3027, 0.2899.

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

47.0741, 0.3027, 0.2899

Protanopia

47.0980, 0.2869, 0.2911

Deuteranopia

47.2137, 0.2986, 0.2919



Tritanopia

47.2969, 0.3127, 0.3115

Trichromacy



Original Color

47.0741, 0.3027, 0.2899

Protanomaly

46.9606, 0.2922, 0.2903

Deuteranomaly

47.0747, 0.3002, 0.2908

Tritanomaly

47.2555, 0.3096, 0.3041

Monochromacy



Original Color

47.0741, 0.3027, 0.2899

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.9975, 0.3092, 0.3151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0741, 0.3027, 0.2899 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(194, 176, 208)` looks like.

```
.text, #text, p{  
    color:rgb(194, 176, 208)  
}
```

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(194, 176, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 176, 208) }
```

Border

The CSS property to change the border of an element to Yxy 47.0741, 0.3027, 0.2899 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(194, 176, 208) }
```

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

```
.border{ border-color:rgb(194, 176, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 176, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 176, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 176, 208);  
box-shadow:4px 4px 4px 4px rgb(194, 176,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0741, 0.3027, 0.2899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 176, 208) }
```

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

```
.background{ background-color: rgb(194,  
176, 208) }
```

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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