

Converting Colors

Yxy(50.6546, 0.3094, 0.2762)

Have a look what the booklet for
Yxy(50.6546, 0.3094, 0.2762)
contains.

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Color

Yxy(50.7717, 0.3093, 0.2768)

Conversions

Conversions Part 1

Format	Color
Hex	D7B0DE
RGB	215, 176, 222
RGB Percent	84%, 69%, 87%
CMY	0.1569, 0.3098, 0.1294
CMYK	0.03, 0.21, 0.00, 0.13
HSL	291°, 41%, 78%
HSV	291°, 21%, 87%
XYZ	56.7330, 50.7717, 75.9191
YIQ	192.9050, 8.4780, 22.5740

Conversions

Conversions Part 2

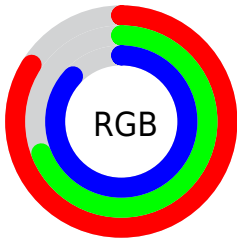
Format	Color
R _Y B	215, 176, 222
Decimal	14135518
CIE Lab	76.54, 22.11, -17.80
CIE LCh	77, 28.379, 321.165
Yxy	50.7717, 0.3093, 0.2768
Android (android.graphics.Color)	4292325598 (0xFFD7B0DE)
YUV	192.9050, 14.3438, 19.3773
Hunter-Lab	71.2543, 17.4276, -13.2936

Details

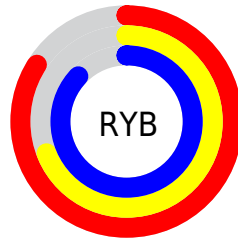
The Yxy color $50.7717, 0.3093, 0.2768$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $65.4492, 0.3150, 0.3854$, and the grayscale version is $53.1812, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.1932, 0.3138, 0.3068$, and $24.4295, 0.3079, 0.2634$ is the 20% darker color. If you saturate the color by 10%, you get $42.2608, 0.3070, 0.2507$, and if you desaturate by 10%, it is $60.7212, 0.3112, 0.3025$.

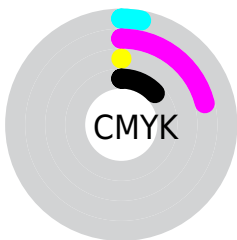
Distribution



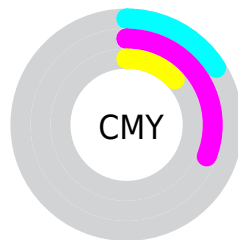
- Red (84%)
- Green (69%)
- Blue (87%)



- Red (84%)
- Yellow (69%)
- Blue (87%)



- Cyan (3%)
- Magenta (21%)
- Yellow (0%)
- Black (13%)




- Cyan (16%)
- Magenta (31%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7717, 0.3093, 0.2768 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 50.7717, 0.3093, 0.2768 by changing the saturation by 10% instead.

 50.7717, 0.3093,
0.2768

 50.7717, 0.3093,
0.2768


389.6761, 0.3114,
0.3015

 36.0269, 0.3087,
0.2710


 91.3172, 0.3101,
0.2855

 24.4550, 0.3079,
0.2639


117.8868, 0.3104,
0.2888

 15.6715, 0.3067,
0.2547


149.1667, 0.3107,
0.2917

 9.2920, 0.3049,
0.2426

185.5415, 0.3109,
0.2941

 4.9321, 0.3021,
0.2259

227.3954, 0.3110,
0.2963

 2.2075, 0.2971,
0.2015

275.1129, 0.3112,

 0.7241, 0.2873,

0.2982

0.1613

329.0783, 0.3113,
0.2999

0.0000, 0.1751,
0.0000

0.0000, 0.0000,
0.0000

50.7717, 0.3093,
0.2768

50.7717, 0.3093,
0.2768

42.2608, 0.3070,
0.2507

60.7212, 0.3112,
0.3025

35.1129, 0.3043,
0.2251

72.1671, 0.3126,
0.3273

29.2550, 0.3012,
0.2010

85.1724, 0.3137,
0.3506

24.6050, 0.2977,
0.1794

93.3747, 0.3152,
0.3628

■ 21.0712, 0.2939,
0.1613

■ 93.9353, 0.3173,
0.3626

■ 18.5486, 0.2899,
0.1475

■ 94.5068, 0.3195,
0.3624

■ 16.9122, 0.2859,
0.1381

■ 95.0893, 0.3216,
0.3622

■ 15.9865, 0.2822,
0.1328

■ 95.6827, 0.3238,
0.3620

■ 96.2873, 0.3260,
0.3618

Harmonies

Analogous

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



50.7717, 0.2734, 0.2666



50.7717, 0.3093, 0.2768



50.7717, 0.3483, 0.2989

Triad

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



50.7717, 0.3093, 0.2768



50.7717, 0.3789, 0.3858



50.7717, 0.2507, 0.3241

Complementary

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



50.7717, 0.3093, 0.2768



65.4492, 0.3150, 0.3854

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.



50.7717, 0.2762, 0.3616



50.7717, 0.3093, 0.2768



50.7717, 0.3501, 0.3982

Square

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



50.7717, 0.3093, 0.2768



50.7717, 0.3898, 0.3598



50.7717, 0.3123, 0.3899



50.7717, 0.2412, 0.2910

Rectangle

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



50.7717, 0.3093, 0.2768



50.7717, 0.3702, 0.3181



50.7717, 0.3123, 0.3899



50.7717, 0.2576, 0.3367

Sweetspot

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



50.7739, 0.3093, 0.2768



90.1841, 0.3119, 0.3142



48.6508, 0.2788, 0.2816



19.0843, 0.3118, 0.3126



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.



50.7739, 0.3093, 0.2768



64.0542, 0.3083, 0.2651



51.0729, 0.3276, 0.2941



13.8243, 0.3114, 0.3057



9.5345, 0.2828, 0.1332



0.6899, 0.2890, 0.1366

Inverse Universe

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



50.0036, 0.3479, 0.3209



62.8462, 0.3577, 0.3191



65.2523, 0.3004, 0.3666



13.7344, 0.3268, 0.3255



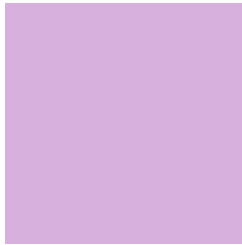
9.3026, 0.6182, 0.3179



0.6556, 0.5802, 0.2970

Previews

White Background



This preview shows how the Yxy color 50.7717, 0.3093, 0.2768 looks on a white background.

Color Contrast Check

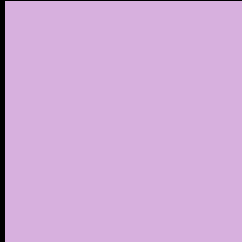
Large Text (above 18pt) WCAG AA × Fail

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 50.7717, 0.3093, 0.2768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

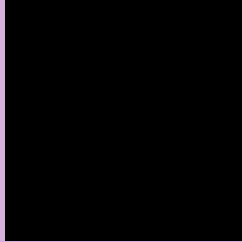
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7717, 0.3093, 0.2768

Background



This preview shows how black text looks on a background with the Yxy color 50.7717, 0.3093, 0.2768.



This preview shows how white text looks on a background with the Yxy color 50.7717, 0.3093, 0.2768.

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

50.7717, 0.3093, 0.2768

Protanopia

50.9571, 0.2767, 0.2772

Deuteranopia

50.6548, 0.2923, 0.2858



Tritanopia

50.8368, 0.3272, 0.3124

Trichromacy



Original Color

50.7717, 0.3093, 0.2768

Protanomaly

50.7505, 0.2881, 0.2770

Deuteranomaly

50.5476, 0.2978, 0.2819

Tritanomaly

50.6450, 0.3201, 0.2986

Monochromacy



Original Color

50.7717, 0.3093, 0.2768

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.3178, 0.3112, 0.3086

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7717, 0.3093, 0.2768 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(215, 176, 222)` looks like.

```
.text, #text, p{  
    color:rgb(215, 176, 222)  
}
```

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(215, 176, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 176, 222) }
```

Border

The CSS property to change the border of an element to Yxy 50.7717, 0.3093, 0.2768 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(215, 176, 222) }
```

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

```
.border{ border-color:rgb(215, 176, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 176, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 176, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 176, 222);  
box-shadow:4px 4px 4px 4px rgb(215, 176,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7717, 0.3093, 0.2768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 176, 222) }
```

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

```
.background{ background-color: rgb(215,  
176, 222) }
```

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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