

Converting Colors

Yxy(50.9732, 0.3195, 0.2795)

Have a look what the booklet for
Yxy(50.9732, 0.3195, 0.2795)
contains.

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Color

Yxy(51.0220, 0.3193, 0.2798)

Conversions

Conversions Part 1

Format	Color
Hex	DFAEDA
RGB	223, 174, 218
RGB Percent	87%, 68%, 85%
CMY	0.1254, 0.3176, 0.1451
CMYK	0.00, 0.22, 0.02, 0.13
HSL	306°, 43%, 78%
HSV	306°, 22%, 87%
XYZ	58.2249, 51.0220, 73.1048
YIQ	193.6670, 15.0800, 24.0720

Conversions

Conversions Part 2

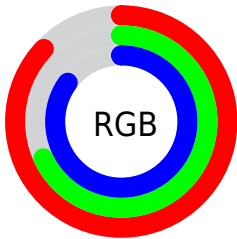
Format	Color
R _Y B	223, 174, 218
Decimal	14659290
CIE Lab	76.69, 25.11, -15.31
CIE LCh	77, 29.412, 328.620
Yxy	51.0220, 0.3193, 0.2798
Android (android.graphics.Color)	4292849370 (0xFFDFAEDA)
YUV	193.6670, 11.9962, 25.7250
Hunter-Lab	71.4297, 20.4998, -10.6796

Details

The Yxy color **51.0220, 0.3193, 0.2798** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **65.0378, 0.3067, 0.3837**, and the grayscale version is **53.6646, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0736, 0.3138, 0.3048**, and **24.5346, 0.3202, 0.2674** is the 20% darker color. If you saturate the color by 10%, you get **42.9921, 0.3228, 0.2571**, and if you desaturate by 10%, it is **60.4886, 0.3161, 0.3025**.

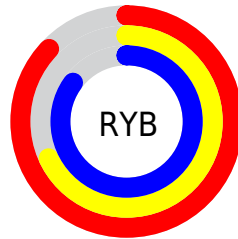
Distribution



Red (87%)

Green (68%)

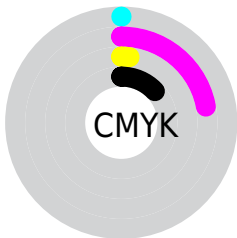
Blue (85%)



Red (87%)

Yellow (68%)

Blue (85%)

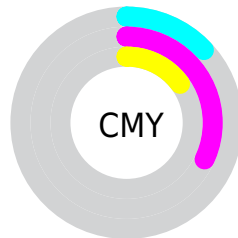


Cyan (0%)

Magenta (22%)

Yellow (2%)

Black (13%)



Cyan (13%)


Magenta (32%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0220, 0.3193, 0.2798 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 51.0220, 0.3193, 0.2798 by changing the saturation by 10% instead.


 51.0220, 0.3193,
0.2798

 51.0220, 0.3193,
0.2798


390.6493, 0.3165,
0.3030

 36.2261, 0.3199,
0.2744


 91.6873, 0.3184,
0.2880

 24.6089, 0.3206,
0.2676


118.3255, 0.3180,
0.2911

 15.7859, 0.3214,
0.2590

149.6799, 0.3177,
0.2938

 9.3728, 0.3223,
0.2476

186.1350, 0.3174,
0.2961

 4.9851, 0.3233,
0.2318

228.0750, 0.3171,
0.2982

 2.2385, 0.3243,
0.2086

275.8845, 0.3169,

 0.7409, 0.3247,

0.3000

0.1704

329.9478, 0.3167,
0.3016

0.0000, 0.2828,
0.0000

0.0000, 0.0000,
0.0000

51.0220, 0.3193,
0.2798

51.0220, 0.3193,
0.2798

42.9921, 0.3228,
0.2571

60.4886, 0.3161,
0.3025

36.3215, 0.3266,
0.2354

71.4508, 0.3132,
0.3247

30.9360, 0.3306,
0.2154

83.9725, 0.3107,
0.3459

26.7514, 0.3347,
0.1983

92.7638, 0.3088,
0.3578

■ 23.6736, 0.3387,
0.1848

■ 92.8908, 0.3075,
0.3553

■ 21.5944, 0.3426,
0.1756

■ 93.0196, 0.3063,
0.3529

■ 20.3839, 0.3462,
0.1708

■ 93.1501, 0.3050,
0.3505

■ 19.8686, 0.3489,
0.1696

■ 93.2822, 0.3037,
0.3482

■ 93.4161, 0.3024,
0.3458

Harmonies

Analogous

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



51.0220, 0.2804, 0.2659



51.0220, 0.3193, 0.2798



51.0220, 0.3586, 0.3049

Triad

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



51.0220, 0.3193, 0.2798



51.0220, 0.3751, 0.3926



51.0220, 0.2446, 0.3144

Complementary

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



51.0220, 0.3193, 0.2798



65.0378, 0.3067, 0.3837

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.



51.0220, 0.2670, 0.3533



51.0220, 0.3193, 0.2798



51.0220, 0.3420, 0.4008

Square

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



51.0220, 0.3193, 0.2798



51.0220, 0.3918, 0.3682



51.0220, 0.3024, 0.3865



51.0220, 0.2393, 0.2831

Rectangle

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



51.0220, 0.3193, 0.2798



51.0220, 0.3788, 0.3256



51.0220, 0.3024, 0.3865



51.0220, 0.2502, 0.3271

Sweetspot

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



51.0242, 0.3193, 0.2798



89.0181, 0.3146, 0.3136



45.1727, 0.2795, 0.2685



18.8613, 0.3148, 0.3122



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.



51.0242, 0.3193, 0.2798



64.3165, 0.3207, 0.2702



49.8399, 0.3398, 0.3065



13.9102, 0.3153, 0.3082



11.6904, 0.3484, 0.1693



0.8174, 0.3436, 0.1667

Inverse Universe

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



51.0242, 0.3193, 0.2798



64.3165, 0.3207, 0.2702



66.1136, 0.2917, 0.3527



13.9102, 0.3153, 0.3082



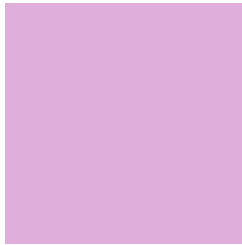
11.6904, 0.3484, 0.1693



0.8174, 0.3436, 0.1667

Previews

White Background



This preview shows how the Yxy color 51.0220, 0.3193, 0.2798 looks on a white background.

Color Contrast Check

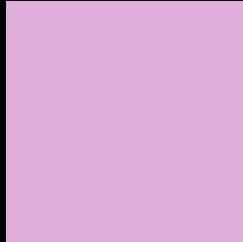
Large Text (above 18pt) WCAG AA × Fail

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 51.0220, 0.3193, 0.2798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

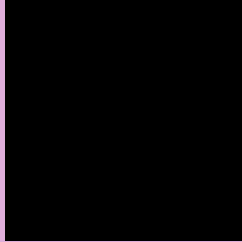
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.0220, 0.3193, 0.2798

Background



This preview shows how black text looks on a background with the Yxy color 51.0220, 0.3193, 0.2798.



This preview shows how white text looks on a background with the Yxy color 51.0220, 0.3193, 0.2798.

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

51.0220, 0.3193, 0.2798

Protanopia

51.3362, 0.2795, 0.2819

Deuteranopia

51.2579, 0.2975, 0.2919



Tritanopia

51.1060, 0.3369, 0.3139

Trichromacy



Original Color

51.0220, 0.3193, 0.2798

Protanomaly

50.9846, 0.2925, 0.2806

Deuteranomaly

51.0366, 0.3048, 0.2869

Tritanomaly

50.8770, 0.3305, 0.3014

Monochromacy



Original Color

51.0220, 0.3193, 0.2798

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.8316, 0.3153, 0.3100

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0220, 0.3193, 0.2798 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(223, 174, 218)` looks like.

```
.text, #text, p{  
    color:rgb(223, 174, 218)  
}
```

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(223, 174, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 174, 218) }
```

Border

The CSS property to change the border of an element to Yxy 51.0220, 0.3193, 0.2798 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(223, 174, 218) }
```

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

```
.border{ border-color:rgb(223, 174, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 174, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 174, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 174, 218);  
box-shadow:4px 4px 4px 4px rgb(223, 174,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0220, 0.3193, 0.2798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 174, 218) }
```

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

```
.background{ background-color: rgb(223,  
174, 218) }
```

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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