

Converting Colors

$Yxy(51.1932, 0.3179, 0.2900)$

Have a look what the booklet for
Yxy(51.1932, 0.3179, 0.2900)
contains.

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Color

Yxy(51.1932, 0.3179, 0.2900)

Conversions

Conversions Part 1

Format	Color
Hex	D8B2D4
RGB	216, 178, 212
RGB Percent	85%, 70%, 83%
CMY	0.1530, 0.3019, 0.1686
CMYK	0.00, 0.18, 0.02, 0.15
HSL	306°, 33%, 77%
HSV	306°, 18%, 85%
XYZ	56.1183, 51.1932, 69.2167
YIQ	193.2380, 11.7340, 18.6300

Conversions

Conversions Part 2

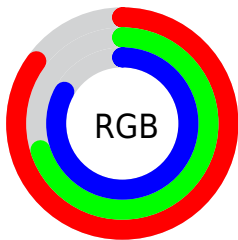
Format	Color
R_{YB}	216, 178, 212
Decimal	14201556
CIE _{Lab}	76.80, 19.48, -11.97
CIE _{LCh}	77, 22.866, 328.419
Yxy	51.1932, 0.3179, 0.2900
Android (android.graphics.Color)	4292391636 (0xFFD8B2D4)
YUV	193.2380, 9.2497, 19.9623
Hunter-Lab	71.5494, 14.7914, -7.2724

Details

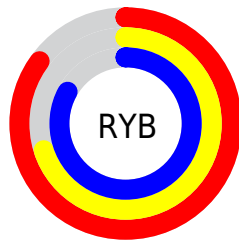
The Yxy color $51.1932, 0.3179, 0.2900$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $61.9426, 0.3079, 0.3714$, and the grayscale version is $53.4154, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.3256, 0.3137, 0.3088$, and $24.6786, 0.3196, 0.2805$ is the 20% darker color. If you saturate the color by 10%, you get $43.1529, 0.3213, 0.2673$, and if you desaturate by 10%, it is $60.5926, 0.3148, 0.3125$.

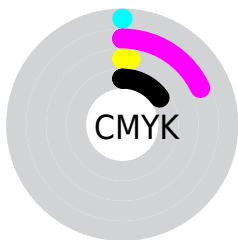
Distribution



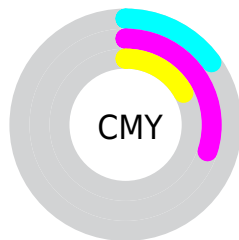
- Red (85%)
- Green (70%)
- Blue (83%)



- Red (85%)
- Yellow (70%)
- Blue (83%)



- Cyan (0%)
- Magenta (18%)
- Yellow (2%)
- Black (15%)





- Cyan (15%)
- Magenta (30%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.1932, 0.3179, 0.2900 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 51.1932, 0.3179, 0.2900 by changing the saturation by 10% instead.


 51.1932, 0.3179,
0.2900

 51.1932, 0.3179,
0.2900


391.3139, 0.3156,
0.3086

 36.3624, 0.3184,
0.2856

 91.9403, 0.3171,
0.2966

 24.7142, 0.3190,
0.2801


118.6254, 0.3168,
0.2991

 15.8643, 0.3197,
0.2730


150.0306, 0.3166,
0.3012

 9.4281, 0.3205,
0.2636

186.5405, 0.3163,
0.3031

 5.0215, 0.3216,
0.2504

228.5394, 0.3161,
0.3047

 2.2599, 0.3228,
0.2305

276.4117, 0.3159,

 0.7523, 0.3242,

0.3062

0.1965

330.5417, 0.3158,
0.3075

0.0000, 0.2348,
0.0000

0.0000, 0.0000,
0.0000

51.1932, 0.3179,
0.2900

51.1932, 0.3179,
0.2900

43.1529, 0.3213,
0.2673

60.5926, 0.3148,
0.3125

36.4019, 0.3251,
0.2451

71.4035, 0.3121,
0.3342

30.8743, 0.3290,
0.2243

83.6835, 0.3097,
0.3547

26.4955, 0.3331,
0.2058

91.3377, 0.3079,
0.3647

■ 23.1831, 0.3373,
0.1906

■ 91.4588, 0.3067,
0.3622

■ 20.8434, 0.3413,
0.1795

■ 91.5815, 0.3054,
0.3598

■ 19.3667, 0.3451,
0.1728

■ 91.7059, 0.3042,
0.3574

■ 18.6021, 0.3486,
0.1702

■ 91.8319, 0.3029,
0.3550

■ 18.4640, 0.3494,
0.1699

■ 91.9596, 0.3017,
0.3526

Harmonies

Analogous

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



51.1932, 0.2875, 0.2791



51.1932, 0.3179, 0.2900



51.1932, 0.3482, 0.3101

Triad

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



51.1932, 0.3179, 0.2900



51.1932, 0.3616, 0.3787



51.1932, 0.2592, 0.3184

Complementary

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



51.1932, 0.3179, 0.2900



61.9426, 0.3079, 0.3714

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.



51.1932, 0.2773, 0.3481



51.1932, 0.3179, 0.2900



51.1932, 0.3362, 0.3842

Square

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



51.1932, 0.3179, 0.2900



51.1932, 0.3741, 0.3602



51.1932, 0.3053, 0.3731



51.1932, 0.2548, 0.2937

Rectangle

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



51.1932, 0.3179, 0.2900



51.1932, 0.3638, 0.3266



51.1932, 0.3053, 0.3731



51.1932, 0.2639, 0.3282

Sweetspot

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



51.1954, 0.3179, 0.2900



92.0477, 0.3141, 0.3180



46.7247, 0.2869, 0.2819



19.4719, 0.3143, 0.3165



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.



51.1954, 0.3179, 0.2900



70.1083, 0.3191, 0.2818



50.3006, 0.3334, 0.3112



12.6093, 0.3154, 0.3084



10.9410, 0.3489, 0.1696



0.6665, 0.3435, 0.1666

Inverse Universe

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



51.1954, 0.3179, 0.2900



70.1083, 0.3191, 0.2818



62.7733, 0.2958, 0.3475



12.6093, 0.3154, 0.3084



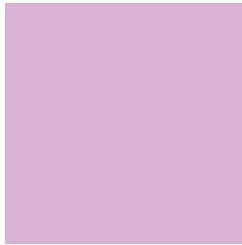
10.9410, 0.3489, 0.1696



0.6665, 0.3435, 0.1666

Previews

White Background



This preview shows how the Yxy color 51.1932, 0.3179, 0.2900 looks on a white background.

Color Contrast Check

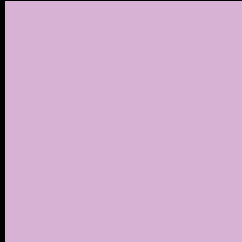
Large Text (above 18pt) WCAG AA × Fail

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 51.1932, 0.3179, 0.2900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

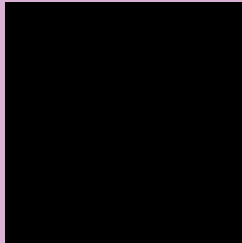
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.1932, 0.3179, 0.2900

Background



This preview shows how black text looks on a background with the Yxy color 51.1932, 0.3179, 0.2900.



This preview shows how white text looks on a background with the Yxy color 51.1932, 0.3179, 0.2900.

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

51.1932, 0.3179, 0.2900

Protanopia

51.2713, 0.2870, 0.2912

Deuteranopia

51.4068, 0.3036, 0.2979



Tritanopia

51.2840, 0.3298, 0.3126

Trichromacy



Original Color

51.1932, 0.3179, 0.2900

Protanomaly

50.9746, 0.2983, 0.2907

Deuteranomaly

51.1382, 0.3093, 0.2948

Tritanomaly

51.3066, 0.3258, 0.3046

Monochromacy



Original Color

51.1932, 0.3179, 0.2900

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.5541, 0.3142, 0.3146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1932, 0.3179, 0.2900 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(216, 178, 212)` looks like.

```
.text, #text, p{  
    color:rgb(216, 178, 212)  
}
```

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(216, 178, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 178, 212) }
```

Border

The CSS property to change the border of an element to Yxy 51.1932, 0.3179, 0.2900 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(216, 178, 212) }
```

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

```
.border{ border-color:rgb(216, 178, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 178, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 178, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 178, 212);  
box-shadow:4px 4px 4px 4px rgb(216, 178,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1932, 0.3179, 0.2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 178, 212) }
```

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

```
.background{ background-color: rgb(216,  
178, 212) }
```

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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