

Converting Colors

$Yxy(51.2900, 0.3419, 0.3092)$

Have a look what the booklet for
Yxy(51.2900, 0.3419, 0.3092)
contains.

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Color

Yxy(51.1145, 0.3418, 0.3085)

Conversions

Conversions Part 1

Format	Color
Hex	E2B0C2
RGB	226, 176, 194
RGB Percent	89%, 69%, 76%
CMY	0.1137, 0.3098, 0.2391
CMYK	0.00, 0.22, 0.14, 0.11
HSL	338°, 46%, 79%
HSV	338°, 22%, 89%
XYZ	56.6319, 51.1145, 57.9408
YIQ	193.0020, 24.0220, 16.1980

Conversions

Conversions Part 2

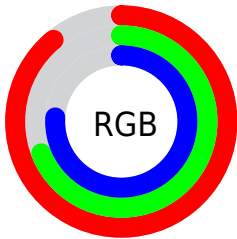
Format	Color
R _Y B	226, 176, 194
Decimal	14856386
CIE Lab	76.75, 20.96, -2.16
CIE LCh	77, 21.071, 354.116
Yxy	51.1145, 0.3418, 0.3085
Android (android.graphics.Color)	4293046466 (0xFFE2B0C2)
YUV	193.0020, 0.4920, 28.9392
Hunter-Lab	71.4944, 16.2775, 1.9960

Details

The Yxy color **51.1145, 0.3418, 0.3085** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **68.1798, 0.2904, 0.3505**, and the grayscale version is **53.3187, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.8754, 0.3169, 0.3115**, and **24.6054, 0.3503, 0.3035** is the 20% darker color. If you saturate the color by 10%, you get **42.3614, 0.3597, 0.2987**, and if you desaturate by 10%, it is **61.4108, 0.3271, 0.3181**.

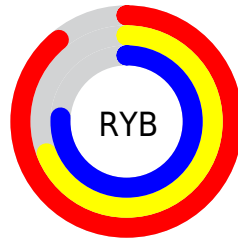
Distribution



Red (89%)

Green (69%)

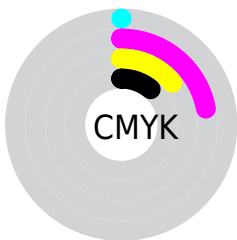
Blue (76%)



Red (89%)

Yellow (69%)

Blue (76%)

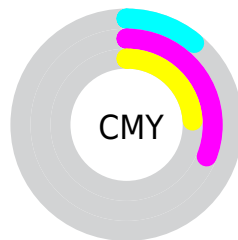


Cyan (0%)

Magenta (22%)

Yellow (14%)

Black (11%)



Cyan (11%)


Magenta (31%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.1145, 0.3418, 0.3085 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 51.1145, 0.3418, 0.3085 by changing the saturation by 10% instead.


 51.1145, 0.3418,
0.3085

 51.1145, 0.3418,
0.3085


391.0085, 0.3275,
0.3185

 36.2997, 0.3453,
0.3061


 91.8240, 0.3367,
0.3121

 24.6658, 0.3497,
0.3030


118.4875, 0.3347,
0.3134

 15.8282, 0.3555,
0.2990


149.8694, 0.3331,
0.3146

 9.4027, 0.3635,
0.2935

186.3541, 0.3317,
0.3156

 5.0048, 0.3751,
0.2857

228.3260, 0.3304,
0.3165

 2.2501, 0.3936,
0.2733

276.1694, 0.3293,

 0.7471, 0.4282,

0.3172

0.2496

330.2688, 0.3284,
0.3179

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.1145, 0.3418,
0.3085

51.1145, 0.3418,
0.3085

42.3614, 0.3597,
0.2987

61.4108, 0.3271,
0.3181

35.0698, 0.3813,
0.2891

73.3129, 0.3150,
0.3272

29.1609, 0.4068,
0.2803

86.8886, 0.3051,
0.3356

24.5456, 0.4360,
0.2736

94.7078, 0.2969,
0.3321

■ 21.1244, 0.4682,
0.2699

■ 94.9101, 0.2952,
0.3289

■ 18.7831, 0.5017,
0.2707

■ 17.3844, 0.5338,
0.2766

■ 16.7720, 0.5568,
0.2841

Harmonies

Analogous

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



51.1145, 0.3134, 0.2908



51.1145, 0.3418, 0.3085



51.1145, 0.3628, 0.3315

Triad

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



51.1145, 0.3418, 0.3085



51.1145, 0.3383, 0.3800



51.1145, 0.2589, 0.2993

Complementary

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



51.1145, 0.3418, 0.3085



68.1798, 0.2904, 0.3505

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.



51.1145, 0.2650, 0.3232



51.1145, 0.3418, 0.3085



51.1145, 0.3100, 0.3718

Square

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



51.1145, 0.3418, 0.3085



51.1145, 0.3604, 0.3731



51.1145, 0.2833, 0.3504



51.1145, 0.2664, 0.2848

Rectangle

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



51.1145, 0.3418, 0.3085



51.1145, 0.3691, 0.3474



51.1145, 0.2833, 0.3504



51.1145, 0.2594, 0.3064

Sweetspot

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



51.1168, 0.3418, 0.3085



88.4219, 0.3206, 0.3228



49.9038, 0.3002, 0.2716



18.7231, 0.3214, 0.3222



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.



51.1168, 0.3418, 0.3085



61.1433, 0.3504, 0.3035



53.0341, 0.3561, 0.3368



13.7818, 0.3236, 0.3206



9.5884, 0.5527, 0.2818



0.6813, 0.5101, 0.2584

Inverse Universe

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



51.1168, 0.3418, 0.3085



61.1433, 0.3504, 0.3035



65.5622, 0.2794, 0.3210



13.7818, 0.3236, 0.3206



9.5884, 0.5527, 0.2818



0.6813, 0.5101, 0.2584

Previews

White Background



This preview shows how the Yxy color 51.1145, 0.3418, 0.3085 looks on a white background.

Color Contrast Check

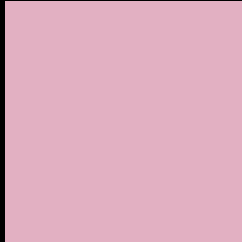
Large Text (above 18pt) WCAG AA × Fail

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 51.1145, 0.3418, 0.3085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

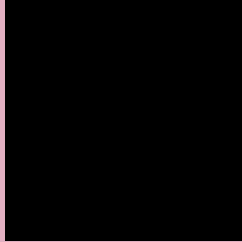
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.1145, 0.3418, 0.3085

Background



This preview shows how black text looks on a background with the Yxy color 51.1145, 0.3418, 0.3085.



This preview shows how white text looks on a background with the Yxy color 51.1145, 0.3418, 0.3085.

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

51.1145, 0.3418, 0.3085

Protanopia

51.6066, 0.3038, 0.3130

Deuteranopia

51.3966, 0.3251, 0.3182



Tritanopia

51.3307, 0.3451, 0.3142

Trichromacy



Original Color

51.1145, 0.3418, 0.3085

Protanomaly

51.1010, 0.3169, 0.3110

Deuteranomaly

51.1941, 0.3314, 0.3149

Tritanomaly

51.3746, 0.3443, 0.3131

Monochromacy



Original Color

51.1145, 0.3418, 0.3085

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.3700, 0.3231, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1145, 0.3418, 0.3085 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(226, 176, 194)` looks like.

```
.text, #text, p{  
    color:rgb(226, 176, 194)  
}
```

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(226, 176, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 176, 194) }
```

Border

The CSS property to change the border of an element to Yxy 51.1145, 0.3418, 0.3085 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(226, 176, 194) }
```

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

```
.border{ border-color:rgb(226, 176, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 176, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 176, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 176, 194);  
box-shadow:4px 4px 4px 4px rgb(226, 176,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1145, 0.3418, 0.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 176, 194) }
```

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

```
.background{ background-color: rgb(226,  
176, 194) }
```

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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