

Converting Colors

Yxy(51.7391, 0.3279, 0.2904)

Have a look what the booklet for
Yxy(51.7391, 0.3279, 0.2904)
contains.

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Color

Yxy(51.8726, 0.3282, 0.2909)

Conversions

Conversions Part 1

Format	Color
Hex	E2B0D2
RGB	226, 176, 210
RGB Percent	89%, 69%, 82%
CMY	0.1137, 0.3098, 0.1763
CMYK	0.00, 0.22, 0.07, 0.11
HSL	319°, 46%, 79%
HSV	319°, 22%, 89%
XYZ	58.5238, 51.8726, 67.9212
YIQ	194.8260, 18.8860, 21.1740

Conversions

Conversions Part 2

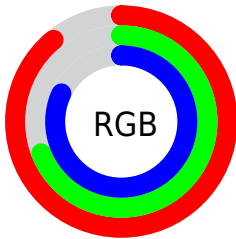
Format	Color
R _Y B	226, 176, 210
Decimal	14856402
CIE Lab	77.20, 23.63, -10.19
CIE LCh	77, 25.731, 336.669
Yxy	51.8726, 0.3282, 0.2909
Android (android.graphics.Color)	4293046482 (0xFFE2B0D2)
YUV	194.8260, 7.4808, 27.3396
Hunter-Lab	72.0226, 19.0052, -5.4978

Details

The Yxy color $51.8726, 0.3282, 0.2909$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $67.4246, 0.3000, 0.3704$, and the grayscale version is $54.4124, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.1932, 0.3138, 0.3068$, and $25.1123, 0.3314, 0.2806$ is the 20% darker color. If you saturate the color by 10%, you get $43.3861, 0.3372, 0.2730$, and if you desaturate by 10%, it is $61.8552, 0.3205, 0.3085$.

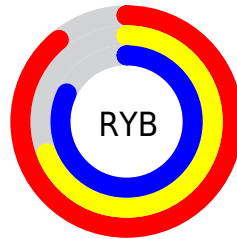
Distribution



Red (89%)

Green (69%)

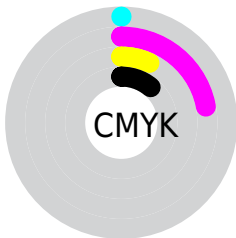
Blue (82%)



Red (89%)

Yellow (69%)

Blue (82%)

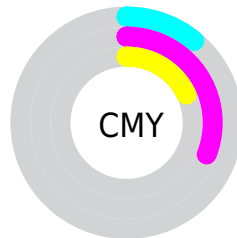


Cyan (0%)

Magenta (22%)

Yellow (7%)

Black (11%)



Cyan (11%)


Magenta (31%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8726, 0.3282, 0.2909 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 51.8726, 0.3282, 0.2909 by changing the saturation by 10% instead.


 51.8726, 0.3282,
0.2909

 51.8726, 0.3282,
0.2909


393.9446, 0.3209,
0.3090

 36.9035, 0.3299,
0.2866


 92.9433, 0.3256,
0.2973

 25.1328, 0.3320,
0.2813


119.8138, 0.3246,
0.2997

 16.1760, 0.3348,
0.2745


151.4201, 0.3238,
0.3018

 9.6488, 0.3384,
0.2653

188.1468, 0.3230,
0.3037

 5.1667, 0.3435,
0.2525

230.3782, 0.3224,
0.3053

 2.3454, 0.3510,
0.2335

278.4987, 0.3218,

 0.7976, 0.3633,

0.3067

0.2016

332.8927, 0.3213,
0.3079

0.0000, 0.4295,
0.0000

0.0000, 0.0000,
0.0000

51.8726, 0.3282,
0.2909

51.8726, 0.3282,
0.2909

43.3861, 0.3372,
0.2730

61.8552, 0.3205,
0.3085

36.3155, 0.3475,
0.2556

73.3951, 0.3140,
0.3255

30.5839, 0.3591,
0.2394

86.5585, 0.3085,
0.3416

26.1039, 0.3718,
0.2256

93.9138, 0.3041,
0.3453

■ 22.7778, 0.3853,
0.2152

■ 94.3486, 0.3001,
0.3379

■ 20.4933, 0.3992,
0.2093

■ 94.8007, 0.2961,
0.3306

■ 19.1156, 0.4130,
0.2084

■ 94.9079, 0.2952,
0.3289

■ 18.4955, 0.4235,
0.2107

Harmonies

Analogous

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



51.8726, 0.2932, 0.2756



51.8726, 0.3282, 0.2909



51.8726, 0.3604, 0.3152

Triad

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



51.8726, 0.3282, 0.2909



51.8726, 0.3607, 0.3880



51.8726, 0.2502, 0.3083

Complementary

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



51.8726, 0.3282, 0.2909



67.4246, 0.3000, 0.3704

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.



51.8726, 0.2662, 0.3412



51.8726, 0.3282, 0.2909



51.8726, 0.3295, 0.3897

Square

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



51.8726, 0.3282, 0.2909



51.8726, 0.3794, 0.3703



51.8726, 0.2949, 0.3722



51.8726, 0.2498, 0.2838

Rectangle

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



51.8726, 0.3282, 0.2909



51.8726, 0.3752, 0.3340



51.8726, 0.2949, 0.3722



51.8726, 0.2539, 0.3187

Sweetspot

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



51.8749, 0.3282, 0.2909



88.7736, 0.3170, 0.3173



47.7278, 0.2876, 0.2694



18.8045, 0.3174, 0.3162



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.



51.8749, 0.3282, 0.2909



62.3252, 0.3326, 0.2819



50.7301, 0.3495, 0.3186



13.8573, 0.3186, 0.3132



10.5747, 0.4215, 0.2096



0.7491, 0.4022, 0.1989

Inverse Universe

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



51.8749, 0.3282, 0.2909



62.3252, 0.3326, 0.2819



68.6212, 0.2852, 0.3398



13.8573, 0.3186, 0.3132



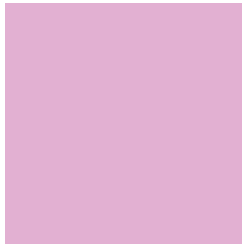
10.5747, 0.4215, 0.2096



0.7491, 0.4022, 0.1989

Previews

White Background



This preview shows how the Yxy color 51.8726, 0.3282, 0.2909 looks on a white background.

Color Contrast Check

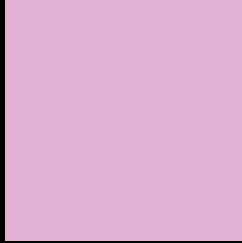
Large Text (above 18pt) WCAG AA × Fail

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 51.8726, 0.3282, 0.2909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

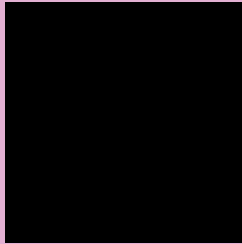
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.8726, 0.3282, 0.2909

Background



This preview shows how black text looks on a background with the Yxy color 51.8726, 0.3282, 0.2909.



This preview shows how white text looks on a background with the Yxy color 51.8726, 0.3282, 0.2909.

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

51.8726, 0.3282, 0.2909

Protanopia

51.9488, 0.2886, 0.2926

Deuteranopia

52.2284, 0.3090, 0.3028



Tritanopia

51.9377, 0.3404, 0.3130

Trichromacy



Original Color

51.8726, 0.3282, 0.2909

Protanomaly

51.6564, 0.3023, 0.2912

Deuteranomaly

51.9082, 0.3159, 0.2976

Tritanomaly

51.9719, 0.3364, 0.3052

Monochromacy



Original Color

51.8726, 0.3282, 0.2909

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.2584, 0.3183, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8726, 0.3282, 0.2909 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(226, 176, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 176, 210) }
```

Border

The CSS property to change the border of an element to Yxy 51.8726, 0.3282, 0.2909 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, 210) }
```

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

```
.border{ border-color:rgb(226, 176, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 176, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 176, 210);  
box-shadow:4px 4px 4px 4px rgb(226, 176,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8726, 0.3282, 0.2909 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, 210) }
```

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

```
.background{ background-color: rgb(226,  
176, 210) }
```

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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