

Converting Colors

$Yxy(49.9826, 0.3363, 0.3051)$

Have a look what the booklet for
Yxy(49.9826, 0.3363, 0.3051)
contains.

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Color

Yxy(50.0176, 0.3358, 0.3048)

Conversions

Conversions Part 1

Format	Color
Hex	DDAFC4
RGB	221, 175, 196
RGB Percent	87%, 69%, 77%
CMY	0.1335, 0.3136, 0.2313
CMYK	0.00, 0.21, 0.11, 0.13
HSL	333°, 40%, 78%
HSV	333°, 21%, 87%
XYZ	55.1047, 50.0176, 58.9774
YIQ	191.1480, 20.6750, 16.2830

Conversions

Conversions Part 2

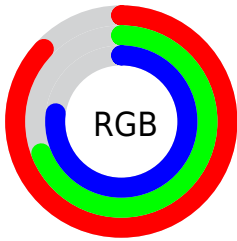
Format	Color
R _{YB}	221, 175, 196
Decimal	14528452
CIE Lab	76.08, 20.02, -4.27
CIE LCh	76, 20.475, 347.954
Yxy	50.0176, 0.3358, 0.3048
Android (android.graphics.Color)	4292718532 (0xFFDDAFC4)
YUV	191.1480, 2.3920, 26.1802
Hunter-Lab	70.7231, 15.3148, 0.0631

Details

The Yxy color **50.0176, 0.3358, 0.3048** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **64.9793, 0.2944, 0.3546**, and the grayscale version is **52.1675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.5037, 0.3151, 0.3077**, and **23.8714, 0.3420, 0.2984** is the 20% darker color. If you saturate the color by 10%, you get **41.5846, 0.3506, 0.2925**, and if you desaturate by 10%, it is **59.9062, 0.3235, 0.3168**.

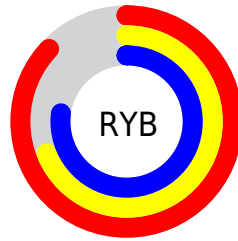
Distribution



Red (87%)

Green (69%)

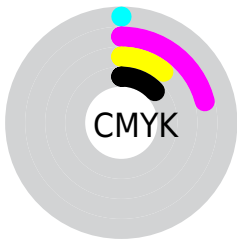
Blue (77%)



Red (87%)

Yellow (69%)

Blue (77%)

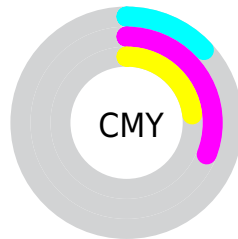


Cyan (0%)

Magenta (21%)

Yellow (11%)

Black (13%)



Cyan (13%)


Magenta (31%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.0176, 0.3358, 0.3048 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 50.0176, 0.3358, 0.3048 by changing the saturation by 10% instead.


 50.0176, 0.3358,
0.3048

 50.0176, 0.3358,
0.3048


386.7348, 0.3245,
0.3166

 35.4274, 0.3386,
0.3020


 90.2010, 0.3317,
0.3090

 23.9923, 0.3420,
0.2984


116.5629, 0.3302,
0.3106

 15.3279, 0.3466,
0.2937


147.6175, 0.3289,
0.3120

 9.0498, 0.3529,
0.2874

183.7492, 0.3278,
0.3131

 4.7737, 0.3621,
0.2782

225.3424, 0.3268,
0.3142

 2.1151, 0.3765,
0.2640

272.7814, 0.3259,

 0.6731, 0.4052,

0.3150

0.2346

326.4508, 0.3252,
0.3158

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.0176, 0.3358,
0.3048

50.0176, 0.3358,
0.3048

41.5846, 0.3506,
0.2925

59.9062, 0.3235,
0.3168

34.5311, 0.3681,
0.2803

71.3084, 0.3134,
0.3281

28.7843, 0.3887,
0.2690

84.2871, 0.3051,
0.3387

24.2617, 0.4123,
0.2596

93.4193, 0.2982,
0.3402

■ 20.8715, 0.4383,
0.2533

■ 94.1065, 0.2923,
0.3289

■ 18.5088, 0.4657,
0.2514

■ 17.0486, 0.4930,
0.2548

■ 16.3048, 0.5169,
0.2621

Harmonies

Analogous

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



50.0176, 0.3075, 0.2890



50.0176, 0.3358, 0.3048



50.0176, 0.3585, 0.3266

Triad

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



50.0176, 0.3358, 0.3048



50.0176, 0.3430, 0.3786



50.0176, 0.2601, 0.3041

Complementary

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



50.0176, 0.3358, 0.3048



64.9793, 0.2944, 0.3546

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.



50.0176, 0.2687, 0.3288



50.0176, 0.3358, 0.3048



50.0176, 0.3159, 0.3737

Square

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



50.0176, 0.3358, 0.3048



50.0176, 0.3624, 0.3693



50.0176, 0.2889, 0.3550



50.0176, 0.2648, 0.2878

Rectangle

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



50.0176, 0.3358, 0.3048



50.0176, 0.3667, 0.3424



50.0176, 0.2889, 0.3550



50.0176, 0.2616, 0.3117

Sweetspot

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



50.0198, 0.3358, 0.3048



90.0999, 0.3185, 0.3223



48.0999, 0.2974, 0.2747



19.0646, 0.3192, 0.3215



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.



50.0198, 0.3358, 0.3048



63.8177, 0.3420, 0.2994



49.7296, 0.3539, 0.3309



13.1500, 0.3221, 0.3184



9.4974, 0.5132, 0.2601



0.6325, 0.4738, 0.2384

Inverse Universe

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



50.0198, 0.3358, 0.3048



63.8177, 0.3420, 0.2994



65.2239, 0.2817, 0.3271



13.1500, 0.3221, 0.3184



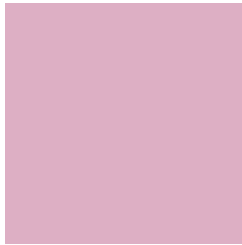
9.4974, 0.5132, 0.2601



0.6325, 0.4738, 0.2384

Previews

White Background



This preview shows how the Yxy color 50.0176, 0.3358, 0.3048 looks on a white background.

Color Contrast Check

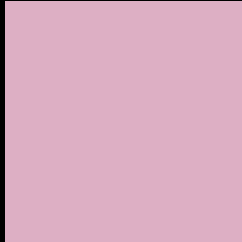
Large Text (above 18pt) WCAG AA × Fail

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 50.0176, 0.3358, 0.3048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

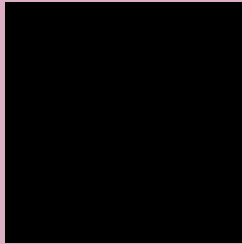
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.0176, 0.3358, 0.3048

Background



This preview shows how black text looks on a background with the Yxy color 50.0176, 0.3358, 0.3048.



This preview shows how white text looks on a background with the Yxy color 50.0176, 0.3358, 0.3048.

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

50.0176, 0.3358, 0.3048

Protanopia

50.4172, 0.3007, 0.3091

Deuteranopia

50.0925, 0.3202, 0.3133



Tritanopia

49.9840, 0.3400, 0.3128

Trichromacy



Original Color

50.0176, 0.3358, 0.3048

Protanomaly

50.1792, 0.3128, 0.3083

Deuteranomaly

49.8820, 0.3266, 0.3100

Tritanomaly

50.0721, 0.3383, 0.3105

Monochromacy



Original Color

50.0176, 0.3358, 0.3048

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.1047, 0.3207, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0176, 0.3358, 0.3048 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(221, 175, 196)` looks like.

```
.text, #text, p{  
    color:rgb(221, 175, 196)  
}
```

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(221, 175, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 175, 196) }
```

Border

The CSS property to change the border of an element to Yxy 50.0176, 0.3358, 0.3048 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(221, 175, 196) }
```

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

```
.border{ border-color:rgb(221, 175, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 175, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 175, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 175, 196);  
box-shadow:4px 4px 4px 4px rgb(221, 175,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0176, 0.3358, 0.3048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 175, 196) }
```

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

```
.background{ background-color: rgb(221,  
175, 196) }
```

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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