

Converting Colors

Yxy(49.3164, 0.3371, 0.3120)

Have a look what the booklet for
Yxy(49.3164, 0.3371, 0.3120)
contains.

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Color

Yxy(49.5201, 0.3373, 0.3126)

Conversions

Conversions Part 1

Format	Color
Hex	D9B0BE
RGB	217, 176, 190
RGB Percent	85%, 69%, 75%
CMY	0.1491, 0.3098, 0.2549
CMYK	0.00, 0.19, 0.12, 0.15
HSL	340°, 35%, 77%
HSV	340°, 19%, 85%
XYZ	53.4329, 49.5201, 55.4606
YIQ	189.8550, 19.9420, 13.0460

Conversions

Conversions Part 2

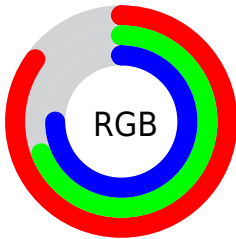
Format	Color
R _Y B	217, 176, 190
Decimal	14266558
CIE Lab	75.77, 17.08, -1.49
CIE LCh	76, 17.150, 355.003
Yxy	49.5201, 0.3373, 0.3126
Android (android.graphics.Color)	4292456638 (0xFFD9B0BE)
YUV	189.8550, 0.0715, 23.8062
Hunter-Lab	70.3705, 12.3881, 2.5316

Details

The Yxy color **49.5201, 0.3373, 0.3126** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.1629, 0.2931, 0.3461**, and the grayscale version is **51.3967, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6270, 0.3194, 0.3154**, and **23.6534, 0.3442, 0.3072** is the 20% darker color. If you saturate the color by 10%, you get **41.0873, 0.3546, 0.3034**, and if you desaturate by 10%, it is **59.3787, 0.3231, 0.3215**.

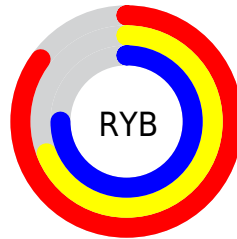
Distribution



Red (85%)

Green (69%)

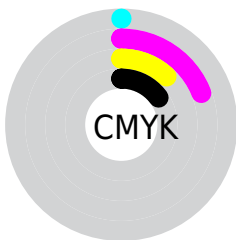
Blue (75%)



Red (85%)

Yellow (69%)

Blue (75%)

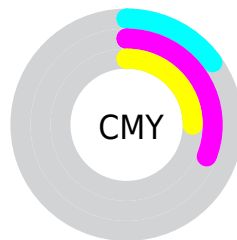


Cyan (0%)

Magenta (19%)

Yellow (12%)

Black (15%)



Cyan (15%)


Magenta (31%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.5201, 0.3373, 0.3126 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 49.5201, 0.3373, 0.3126 by changing the saturation by 10% instead.

 49.5201, 0.3373,
0.3126

 49.5201, 0.3373,
0.3126


384.7863, 0.3252,
0.3207

 35.0322, 0.3403,
0.3106


 89.4634, 0.3329,
0.3155

 23.6877, 0.3441,
0.3081


115.6877, 0.3313,
0.3166

 15.1021, 0.3491,
0.3048


146.5928, 0.3299,
0.3175

 8.8911, 0.3561,
0.3003

182.5633, 0.3287,
0.3183

 4.6702, 0.3663,
0.2936

223.9835, 0.3276,
0.3190

 2.0551, 0.3828,
0.2831

271.2378, 0.3267,

 0.6392, 0.4190,

0.3196

0.2580

324.7106, 0.3259,
0.3202

0.0000, 0.0000,
0.0000

49.5201, 0.3373,
0.3126

49.5201, 0.3373,
0.3126

41.0873, 0.3546,
0.3034

59.3787, 0.3231,
0.3215

34.0074, 0.3755,
0.2941

70.7182, 0.3115,
0.3299

28.2110, 0.4005,
0.2855

83.5991, 0.3021,
0.3377

23.6199, 0.4294,
0.2785

92.9951, 0.2942,
0.3370

20.1475, 0.4618,
0.2740

93.4901, 0.2900,
0.3289

■ 17.6950, 0.4962,
0.2735

■ 16.1463, 0.5299,
0.2779

■ 15.3204, 0.5604,
0.2868

■ 15.2461, 0.5636,
0.2878

Harmonies

Analogous

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



49.5201, 0.3141, 0.2976



49.5201, 0.3373, 0.3126



49.5201, 0.3541, 0.3319

Triad

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



49.5201, 0.3373, 0.3126



49.5201, 0.3333, 0.3707



49.5201, 0.2681, 0.3043

Complementary

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



49.5201, 0.3373, 0.3126



63.1629, 0.2931, 0.3461

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.



49.5201, 0.2729, 0.3238



49.5201, 0.3373, 0.3126



49.5201, 0.3100, 0.3635

Square

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



49.5201, 0.3373, 0.3126



49.5201, 0.3516, 0.3657



49.5201, 0.2880, 0.3459



49.5201, 0.2747, 0.2923

Rectangle

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



49.5201, 0.3373, 0.3126



49.5201, 0.3591, 0.3451



49.5201, 0.2880, 0.3459



49.5201, 0.2685, 0.3101

Sweetspot

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



49.5223, 0.3373, 0.3126



89.9917, 0.3196, 0.3240



48.7103, 0.3030, 0.2807



19.0391, 0.3204, 0.3234



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.



49.5223, 0.3373, 0.3126



65.8757, 0.3444, 0.3086



51.4049, 0.3482, 0.3364



13.1246, 0.3238, 0.3210



9.2481, 0.5598, 0.2857



0.6150, 0.5140, 0.2605

Inverse Universe

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



49.5223, 0.3373, 0.3126



65.8757, 0.3444, 0.3086



60.7507, 0.2841, 0.3215



13.1246, 0.3238, 0.3210



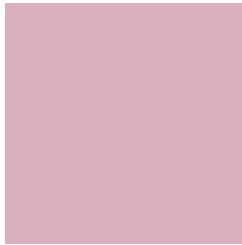
9.2481, 0.5598, 0.2857



0.6150, 0.5140, 0.2605

Previews

White Background



This preview shows how the Yxy color 49.5201, 0.3373, 0.3126 looks on a white background.

Color Contrast Check

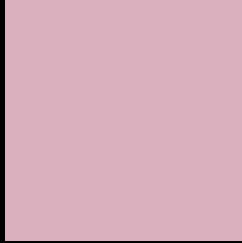
Large Text (above 18pt) WCAG AA × Fail

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 49.5201, 0.3373, 0.3126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

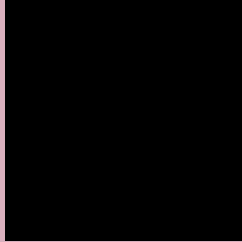
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.5201, 0.3373, 0.3126

Background



This preview shows how black text looks on a background with the Yxy color 49.5201, 0.3373, 0.3126.



This preview shows how white text looks on a background with the Yxy color 49.5201, 0.3373, 0.3126.

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

49.5201, 0.3373, 0.3126

Protanopia

49.7947, 0.3067, 0.3165

Deuteranopia

49.5592, 0.3261, 0.3193



Tritanopia

49.5201, 0.3373, 0.3126

Trichromacy



Original Color

49.5201, 0.3373, 0.3126

Protanomaly

49.4931, 0.3176, 0.3143

Deuteranomaly

49.4696, 0.3307, 0.3170

Tritanomaly

49.5201, 0.3373, 0.3126

Monochromacy



Original Color

49.5201, 0.3373, 0.3126

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.6950, 0.3214, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5201, 0.3373, 0.3126 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(217, 176, 190)` looks like.

```
.text, #text, p{  
    color:rgb(217, 176, 190)  
}
```

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(217, 176, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 176, 190) }
```

Border

The CSS property to change the border of an element to Yxy 49.5201, 0.3373, 0.3126 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(217, 176, 190) }
```

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

```
.border{ border-color:rgb(217, 176, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 176, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 176, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 176, 190);  
box-shadow:4px 4px 4px 4px rgb(217, 176,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5201, 0.3373, 0.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 176, 190) }
```

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

```
.background{ background-color: rgb(217,  
176, 190) }
```

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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