

Converting Colors

$Yxy(46.1949, 0.3369, 0.2996)$

Have a look what the booklet for
Yxy(46.1949, 0.3369, 0.2996)
contains.

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Color

Yxy(46.1949, 0.3369, 0.2996)

Conversions

Conversions Part 1

Format	Color
Hex	D9A7C0
RGB	217, 167, 192
RGB Percent	85%, 65%, 75%
CMY	0.1491, 0.3451, 0.2471
CMYK	0.00, 0.23, 0.12, 0.15
HSL	330°, 40%, 75%
HSV	330°, 23%, 85%
XYZ	51.9461, 46.1949, 56.0476
YIQ	184.8000, 21.7750, 18.3750

Conversions

Conversions Part 2

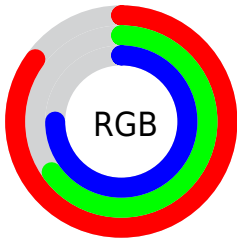
Format	Color
R _Y B	217, 167, 192
Decimal	14264256
CIE Lab	73.67, 22.28, -5.68
CIE LCh	74, 22.994, 345.700
Yxy	46.1949, 0.3369, 0.2996
Android (android.graphics.Color)	4292454336 (0xFFD9A7C0)
YUV	184.8000, 3.5496, 28.2394
Hunter-Lab	67.9668, 17.4832, -1.3156

Details

The Yxy color $46.1949, 0.3369, 0.2996$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $61.6432, 0.2939, 0.3604$, and the grayscale version is $48.3705, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.2799, 0.3188, 0.3036$, and $21.8069, 0.3436, 0.2916$ is the 20% darker color. If you saturate the color by 10%, you get $38.4385, 0.3510, 0.2862$, and if you desaturate by 10%, it is $55.3248, 0.3251, 0.3128$.

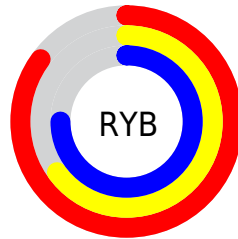
Distribution



Red (85%)

Green (65%)

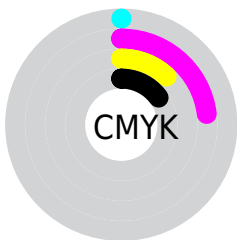
Blue (75%)



Red (85%)

Yellow (65%)

Blue (75%)

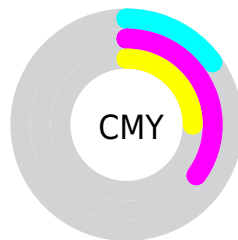


Cyan (0%)

Magenta (23%)

Yellow (12%)

Black (15%)



Cyan (15%)


Magenta (35%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.1949, 0.3369, 0.2996 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 46.1949, 0.3369, 0.2996 by changing the saturation by 10% instead.

 46.1949, 0.3369,
0.2996


 46.1949, 0.3369,
0.2996


371.5917, 0.3250,
0.3140

 32.3996, 0.3398,
0.2961


 84.5106, 0.3326,
0.3048

 21.6669, 0.3436,
0.2916


 109.7999, 0.3310,
0.3067

 13.6124, 0.3485,
0.2858


139.6892, 0.3296,
0.3084

 7.8516, 0.3554,
0.2778

174.5631, 0.3284,
0.3098

 4.0001, 0.3654,
0.2663

214.8059, 0.3274,
0.3111

 1.6736, 0.3816,
0.2480

260.8020, 0.3265,

 0.4065, 0.4283,

0.3122

0.1865

312.9358, 0.3257,
0.3131

0.0000, 0.0000,
0.0000

46.1949, 0.3369,
0.2996

46.1949, 0.3369,
0.2996

38.4385, 0.3510,
0.2862

55.3248, 0.3251,
0.3128

31.9821, 0.3676,
0.2731

65.8847, 0.3153,
0.3253

26.7547, 0.3869,
0.2611

77.9352, 0.3072,
0.3371

22.6762, 0.4087,
0.2512

91.5318, 0.3006,
0.3481

19.6564, 0.4324,
0.2448

92.9393, 0.2947,
0.3379

■ 17.5918, 0.4572,
0.2430

■ 93.4903, 0.2900,
0.3289

■ 16.3575, 0.4817,
0.2467

■ 15.8436, 0.4982,
0.2518

Harmonies

Analogous

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



46.1949, 0.3041, 0.2824



46.1949, 0.3369, 0.2996



46.1949, 0.3640, 0.3241

Triad

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



46.1949, 0.3369, 0.2996



46.1949, 0.3495, 0.3861



46.1949, 0.2527, 0.3020

Complementary

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



46.1949, 0.3369, 0.2996



61.6432, 0.2939, 0.3604

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.



46.1949, 0.2635, 0.3309



46.1949, 0.3369, 0.2996



46.1949, 0.3187, 0.3820

Square

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



46.1949, 0.3369, 0.2996



46.1949, 0.3711, 0.3737



46.1949, 0.2873, 0.3612



46.1949, 0.2568, 0.2825

Rectangle

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



46.1949, 0.3369, 0.2996



46.1949, 0.3745, 0.3420



46.1949, 0.2873, 0.3612



46.1949, 0.2547, 0.3109

Sweetspot

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



46.1970, 0.3369, 0.2996



88.5737, 0.3191, 0.3204



43.7482, 0.2934, 0.2681



18.7582, 0.3196, 0.3196



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.



46.1970, 0.3369, 0.2996



60.5054, 0.3439, 0.2926



45.2125, 0.3592, 0.3281



13.1596, 0.3214, 0.3174



9.6132, 0.4949, 0.2500



0.6402, 0.4590, 0.2302

Inverse Universe

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



46.1970, 0.3369, 0.2996



60.5054, 0.3439, 0.2926



62.8035, 0.2793, 0.3299



13.1596, 0.3214, 0.3174



9.6132, 0.4949, 0.2500



0.6402, 0.4590, 0.2302

Previews

White Background



This preview shows how the Yxy color 46.1949, 0.3369, 0.2996 looks on a white background.

Color Contrast Check

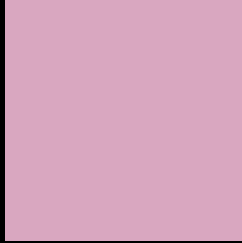
Large Text (above 18pt) WCAG AA × Fail

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 46.1949, 0.3369, 0.2996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

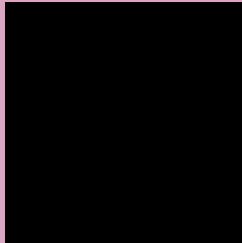
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.1949, 0.3369, 0.2996

Background



This preview shows how black text looks on a background with the Yxy color 46.1949, 0.3369, 0.2996.



This preview shows how white text looks on a background with the Yxy color 46.1949, 0.3369, 0.2996.

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

46.1949, 0.3369, 0.2996

Protanopia

46.3964, 0.2964, 0.3034

Deuteranopia

46.3705, 0.3179, 0.3115



Tritanopia

46.3523, 0.3447, 0.3136

Trichromacy



Original Color

46.1949, 0.3369, 0.2996

Protanomaly

46.0286, 0.3105, 0.3016

Deuteranomaly

46.3452, 0.3244, 0.3070

Tritanomaly

46.1494, 0.3412, 0.3077

Monochromacy



Original Color

46.1949, 0.3369, 0.2996

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.3419, 0.3211, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1949, 0.3369, 0.2996 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, 167, 192)` looks like.

```
.text, #text, p{  
    color:rgb(217, 167, 192)  
}
```

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, 167, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 167, 192) }
```

Border

The CSS property to change the border of an element to Yxy 46.1949, 0.3369, 0.2996 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, 167, 192) }
```

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

```
.border{ border-color:rgb(217, 167, 192) }
```

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

Here you see how a box with a 4 pixel rgb(217, 167, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 167, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 167, 192);  
box-shadow:4px 4px 4px 4px rgb(217, 167,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1949, 0.3369, 0.2996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 167, 192) }
```

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

```
.background{ background-color: rgb(217,  
167, 192) }
```

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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