

Converting Colors

$Yxy(45.7517, 0.3329, 0.3049)$

Have a look what the booklet for
Yxy(45.7517, 0.3329, 0.3049)
contains.

| | |
|---|----|
| Yxy(45.7517, 0.3329, 0.3049) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(45.7517, 0.3329, 0.3049)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D2A9BD |
| RGB | 210, 169, 189 |
| RGB Percent | 82%, 66%, 74% |
| CMY | 0.1765, 0.3372, 0.2588 |
| CMYK | 0.00, 0.20, 0.10, 0.18 |
| HSL | 331°, 31%, 74% |
| HSV | 331°, 20%, 82% |
| XYZ | 49.9532, 45.7517, 54.3498 |
| YIQ | 183.5390, 18.0160, 14.9120 |

Conversions

Conversions Part 2

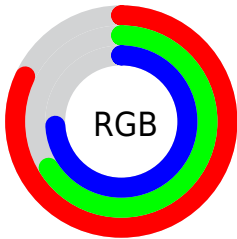
| Format | Color |
|-------------------------------------|------------------------------|
| R _{YB} | 210, 169, 189 |
| Decimal | 13806013 |
| CIE Lab | 73.38, 18.23, -4.54 |
| CIE LCh | 73, 18.782, 346.011 |
| Yxy | 45.7517, 0.3329, 0.3049 |
| Android (android.graphics.Color) | 4291996093 (0xFFD2A9BD) |
| YUV | 183.5390, 2.6923, 23.2063 |
| Hunter-Lab | 67.6400, 13.4551, -0.2925 |

Details

The Yxy color **45.7517, 0.3329, 0.3049** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.2473, 0.2964, 0.3544**, and the grayscale version is **47.6444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.1639, 0.3206, 0.3084**, and **21.4687, 0.3381, 0.2984** is the 20% darker color. If you saturate the color by 10%, you get **38.1076, 0.3464, 0.2919**, and if you desaturate by 10%, it is **54.6894, 0.3216, 0.3176**.

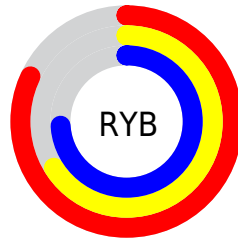
Distribution



Red (82%)

Green (66%)

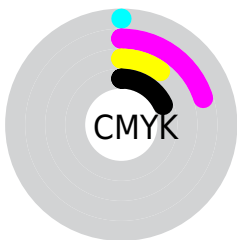
Blue (74%)



Red (82%)

Yellow (66%)

Blue (74%)

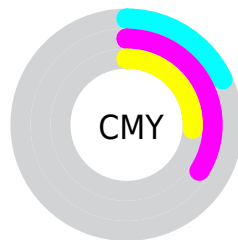


Cyan (0%)

Magenta (20%)

Yellow (10%)

Black (18%)



Cyan (18%)


Magenta (34%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.7517, 0.3329, 0.3049 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 45.7517, 0.3329, 0.3049 by changing the saturation by 10% instead.


 45.7517, 0.3329,
0.3049


 45.7517, 0.3329,
0.3049


369.8095, 0.3229,
0.3168

 32.0499, 0.3354,
0.3020


 83.8473, 0.3293,
0.3092

 21.3996, 0.3386,
0.2983


 109.0099, 0.3279,
0.3108

 13.4164, 0.3428,
0.2934


138.7615, 0.3268,
0.3122

 7.7159, 0.3486,
0.2867

173.4866, 0.3258,
0.3133

 3.9137, 0.3572,
0.2768

213.5696, 0.3249,
0.3144

 1.6254, 0.3713,
0.2610

259.3948, 0.3241,

 0.3746, 0.4214,

0.3153

0.1971

311.3466, 0.3235,
0.3161

0.0000, 0.0000,
0.0000

45.7517, 0.3329,
0.3049

45.7517, 0.3329,
0.3049

38.1076, 0.3464,
0.2919

54.6894, 0.3216,
0.3176

31.6904, 0.3625,
0.2789

64.9711, 0.3123,
0.3296

26.4368, 0.3813,
0.2667

76.6519, 0.3046,
0.3407

22.2750, 0.4027,
0.2562

89.7822, 0.2983,
0.3511

19.1257, 0.4265,
0.2487

91.6790, 0.2925,
0.3417

■ 16.8981, 0.4518,
0.2454

■ 92.3469, 0.2868,
0.3304

■ 15.4854, 0.4772,
0.2472

■ 92.4421, 0.2860,
0.3289

■ 14.7033, 0.5017,
0.2540

■ 14.6714, 0.5028,
0.2544

Harmonies

Analogous

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



45.7517, 0.3061, 0.2904



45.7517, 0.3329, 0.3049



45.7517, 0.3548, 0.3254

Triad

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



45.7517, 0.3329, 0.3049



45.7517, 0.3429, 0.3757



45.7517, 0.2631, 0.3069

Complementary

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



45.7517, 0.3329, 0.3049



58.2473, 0.2964, 0.3544

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.



45.7517, 0.2720, 0.3305



45.7517, 0.3329, 0.3049



45.7517, 0.3176, 0.3719

Square

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



45.7517, 0.3329, 0.3049



45.7517, 0.3605, 0.3662



45.7517, 0.2917, 0.3550



45.7517, 0.2667, 0.2907

Rectangle

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



45.7517, 0.3329, 0.3049



45.7517, 0.3632, 0.3403



45.7517, 0.2917, 0.3550



45.7517, 0.2647, 0.3142

Sweetspot

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



45.7537, 0.3329, 0.3049



90.1294, 0.3182, 0.3218



43.9134, 0.2974, 0.2782



19.0716, 0.3188, 0.3210



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.



45.7537, 0.3329, 0.3049



66.3329, 0.3377, 0.3001



44.9437, 0.3510, 0.3291



11.9030, 0.3215, 0.3177



8.9692, 0.4995, 0.2525



0.5175, 0.4581, 0.2297

Inverse Universe

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



45.7537, 0.3329, 0.3049



66.3329, 0.3377, 0.3001



59.1833, 0.2837, 0.3289



11.9030, 0.3215, 0.3177



8.9692, 0.4995, 0.2525



0.5175, 0.4581, 0.2297

Previews

White Background



This preview shows how the Yxy color 45.7517, 0.3329, 0.3049 looks on a white background.

Color Contrast Check

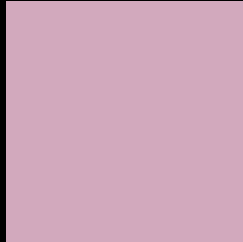
Large Text (above 18pt) WCAG AA × Fail

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 45.7517, 0.3329, 0.3049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

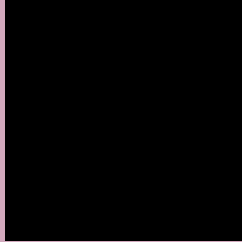
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.7517, 0.3329, 0.3049

Background



This preview shows how black text looks on a background with the Yxy color 45.7517, 0.3329, 0.3049.



This preview shows how white text looks on a background with the Yxy color 45.7517, 0.3329, 0.3049.

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

45.7517, 0.3329, 0.3049

Protanopia

45.7640, 0.3002, 0.3083

Deuteranopia

45.8929, 0.3196, 0.3127



Tritanopia

45.7237, 0.3372, 0.3132

Trichromacy



Original Color

45.7517, 0.3329, 0.3049

Protanomaly

45.4573, 0.3112, 0.3062

Deuteranomaly

45.7973, 0.3243, 0.3104

Tritanomaly

45.8075, 0.3354, 0.3108

Monochromacy



Original Color

45.7517, 0.3329, 0.3049

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.1228, 0.3192, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.7517, 0.3329, 0.3049 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(210, 169, 189)` looks like.

```
.text, #text, p{  
    color:rgb(210, 169, 189)  
}
```

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(210, 169, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 169, 189) }
```

Border

The CSS property to change the border of an element to Yxy 45.7517, 0.3329, 0.3049 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(210, 169, 189) }
```

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

```
.border{ border-color:rgb(210, 169, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 169, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 169, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 169, 189);  
box-shadow:4px 4px 4px 4px rgb(210, 169,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 45.7517, 0.3329, 0.3049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 169, 189) }
```

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

```
.background{ background-color: rgb(210,  
169, 189) }
```

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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