

Converting Colors

$Y_{xy}(41.4958, 0.3458, 0.3041)$

Have a look what the booklet for
Yxy(41.4958, 0.3458, 0.3041)
contains.

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Color

Yxy(41.5170, 0.3458, 0.3046)

Conversions

Conversions Part 1

Format	Color
Hex	D39EB2
RGB	211, 158, 178
RGB Percent	83%, 62%, 70%
CMY	0.1724, 0.3804, 0.3019
CMYK	0.00, 0.25, 0.16, 0.17
HSL	337°, 38%, 72%
HSV	337°, 25%, 83%
XYZ	47.1326, 41.5170, 47.6505
YIQ	176.1270, 25.1680, 17.4560

Conversions

Conversions Part 2

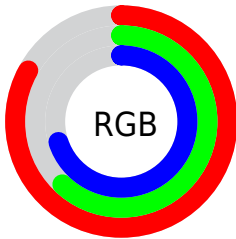
Format	Color
R _Y B	211, 158, 178
Decimal	13868722
CIE Lab	70.54, 22.76, -2.64
CIE LCh	71, 22.909, 353.374
Yxy	41.5170, 0.3458, 0.3046
Android (android.graphics.Color)	4292058802 (0xFFD39EB2)
YUV	176.1270, 0.9234, 30.5836
Hunter-Lab	64.4337, 17.8119, 1.2570

Details

The Yxy color **41.5170, 0.3458, 0.3046** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.6327, 0.2882, 0.3549**, and the grayscale version is **43.4728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7890, 0.3291, 0.3081**, and **18.8567, 0.3566, 0.2980** is the 20% darker color. If you saturate the color by 10%, you get **34.4248, 0.3641, 0.2944**, and if you desaturate by 10%, it is **49.8996, 0.3306, 0.3147**.

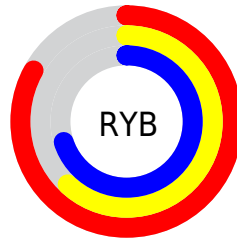
Distribution



Red (83%)

Green (62%)

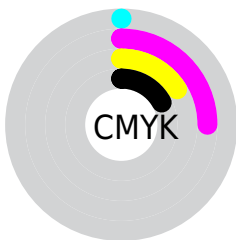
Blue (70%)



Red (83%)

Yellow (62%)

Blue (70%)

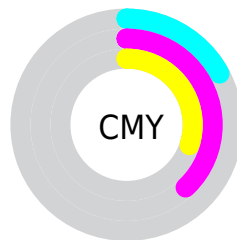


Cyan (0%)

Magenta (25%)

Yellow (16%)

Black (17%)



Cyan (17%)


Magenta (38%)


Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.5170, 0.3458, 0.3046 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 41.5170, 0.3458, 0.3046 by changing the saturation by 10% instead.


 41.5170, 0.3458,
0.3046


 41.5170, 0.3458,
0.3046


352.4768, 0.3290,
0.3169

 28.7233, 0.3501,
0.3015

 77.4681, 0.3396,
0.3091

 18.8716, 0.3556,
0.2975


 101.3943, 0.3374,
0.3108

 11.5775, 0.3630,
0.2922


129.8000, 0.3354,
0.3122

 6.4567, 0.3736,
0.2847

163.0698, 0.3338,
0.3134

 3.1247, 0.3897,
0.2735

201.5880, 0.3323,
0.3144

 1.1972, 0.4172,
0.2547

245.7389, 0.3311,

 0.0594, 0.6646,

0.3154

0.0645

295.9071, 0.3300,
0.3162

0.0000, 0.0000,
0.0000

41.5170, 0.3458,
0.3046

41.5170, 0.3458,
0.3046

34.4248, 0.3641,
0.2944

49.8996, 0.3306,
0.3147

28.5528, 0.3860,
0.2845

59.6269, 0.3182,
0.3243

23.8326, 0.4117,
0.2759

70.7571, 0.3080,
0.3333

20.1869, 0.4408,
0.2695

83.3430, 0.2997,
0.3416

17.5285, 0.4724,
0.2666

91.8866, 0.2926,
0.3407

■ 15.7566, 0.5047,
0.2684

■ 92.5929, 0.2866,
0.3289

■ 14.7482, 0.5352,
0.2754

■ 14.4265, 0.5492,
0.2799

Harmonies

Analogous

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



41.5170, 0.3124, 0.2845



41.5170, 0.3458, 0.3046



41.5170, 0.3707, 0.3309

Triad

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



41.5170, 0.3458, 0.3046



41.5170, 0.3431, 0.3887



41.5170, 0.2505, 0.2947

Complementary

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



41.5170, 0.3458, 0.3046



57.6327, 0.2882, 0.3549

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.



41.5170, 0.2577, 0.3227



41.5170, 0.3458, 0.3046



41.5170, 0.3102, 0.3798

Square

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



41.5170, 0.3458, 0.3046



41.5170, 0.3686, 0.3797



41.5170, 0.2792, 0.3548



41.5170, 0.2586, 0.2780

Rectangle

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



41.5170, 0.3458, 0.3046



41.5170, 0.3785, 0.3493



41.5170, 0.2792, 0.3548



41.5170, 0.2512, 0.3031

Sweetspot

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



41.5189, 0.3458, 0.3046



86.8766, 0.3216, 0.3215



40.1932, 0.2975, 0.2634



18.1005, 0.3235, 0.3201



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.



41.5189, 0.3458, 0.3046



57.8230, 0.3549, 0.2993



42.9369, 0.3636, 0.3368



11.8810, 0.3232, 0.3203



8.7223, 0.5453, 0.2777



0.5029, 0.4953, 0.2502

Inverse Universe

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



41.5189, 0.3458, 0.3046



57.8230, 0.3549, 0.2993



55.5590, 0.2753, 0.3210



11.8810, 0.3232, 0.3203



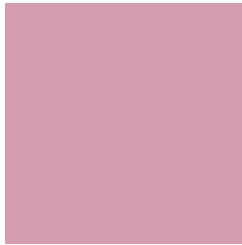
8.7223, 0.5453, 0.2777



0.5029, 0.4953, 0.2502

Previews

White Background



This preview shows how the Yxy color 41.5170, 0.3458, 0.3046 looks on a white background.

Color Contrast Check

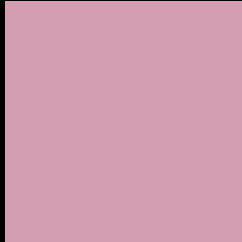
Large Text (above 18pt) WCAG AA × Fail

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 41.5170, 0.3458, 0.3046 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 41.5170, 0.3458, 0.3046

Background



This preview shows how black text looks on a background with the Yxy color 41.5170, 0.3458, 0.3046.



This preview shows how white text looks on a background with the Yxy color 41.5170, 0.3458, 0.3046.

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

41.5170, 0.3458, 0.3046

Protanopia

41.8209, 0.3013, 0.3102

Deuteranopia

41.4634, 0.3244, 0.3172



Tritanopia

41.4382, 0.3514, 0.3143

Trichromacy



Original Color

41.5170, 0.3458, 0.3046

Protanomaly

41.4954, 0.3164, 0.3081

Deuteranomaly

41.4610, 0.3314, 0.3124

Tritanomaly

41.5539, 0.3485, 0.3106

Monochromacy



Original Color

41.5170, 0.3458, 0.3046

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.3691, 0.3242, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5170, 0.3458, 0.3046 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(211, 158, 178)` looks like.

```
.text, #text, p{  
    color:rgb(211, 158, 178)  
}
```

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(211, 158, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 158, 178) }
```

Border

The CSS property to change the border of an element to Yxy 41.5170, 0.3458, 0.3046 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(211, 158, 178) }
```

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

```
.border{ border-color:rgb(211, 158, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 158, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 158, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 158, 178);  
box-shadow:4px 4px 4px 4px rgb(211, 158,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5170, 0.3458, 0.3046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 158, 178) }
```

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

```
.background{ background-color: rgb(211,  
158, 178) }
```

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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