

Converting Colors

$Y_{xy}(41.0044, 0.3536, 0.3039)$

Have a look what the booklet for
Yxy(41.0044, 0.3536, 0.3039)
contains.

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Color

Yxy(41.1368, 0.3542, 0.3050)

Conversions

Conversions Part 1

Format	Color
Hex	D89BAF
RGB	216, 155, 175
RGB Percent	85%, 61%, 69%
CMY	0.1530, 0.3921, 0.3138
CMYK	0.00, 0.28, 0.19, 0.15
HSL	340°, 44%, 73%
HSV	340°, 28%, 85%
XYZ	47.7726, 41.1368, 45.9653
YIQ	175.5190, 29.9360, 19.1520

Conversions

Conversions Part 2

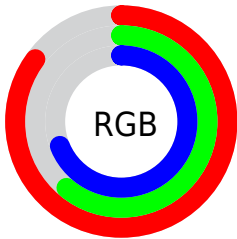
Format	Color
R _{YB}	216, 155, 175
Decimal	14195631
CIE Lab	70.27, 25.68, -1.29
CIE LCh	70, 25.714, 357.127
Yxy	41.1368, 0.3542, 0.3050
Android (android.graphics.Color)	4292385711 (0xFFD89BAF)
YUV	175.5190, -0.2559, 35.5018
Hunter-Lab	64.1380, 20.7128, 2.4056

Details

The Yxy color **41.1368, 0.3542, 0.3050** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.0613, 0.2836, 0.3545**, and the grayscale version is **43.1427, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.0664, 0.3323, 0.3090**, and **18.6041, 0.3659, 0.2970** is the 20% darker color. If you saturate the color by 10%, you get **34.0399, 0.3754, 0.2961**, and if you desaturate by 10%, it is **49.5847, 0.3368, 0.3139**.

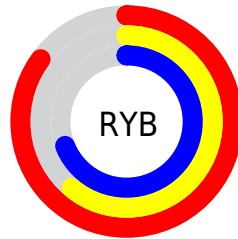
Distribution



Red (85%)

Green (61%)

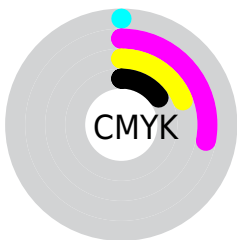
Blue (69%)



Red (85%)

Yellow (61%)

Blue (69%)

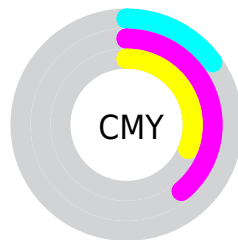


Cyan (0%)

Magenta (28%)

Yellow (19%)

Black (15%)



Cyan (15%)

Magenta (39%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1368, 0.3542, 0.3050 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 41.1368, 0.3542, 0.3050 by changing the saturation by 10% instead.

 41.1368, 0.3542,
0.3050


 41.1368, 0.3542,
0.3050


350.8920, 0.3331,
0.3172

 28.4260, 0.3596,
0.3019


 76.8915, 0.3464,
0.3095

 18.6470, 0.3666,
0.2979


 100.7042, 0.3435,
0.3111

 11.4155, 0.3761,
0.2925


128.9863, 0.3411,
0.3125

 6.3470, 0.3895,
0.2849

162.1223, 0.3390,
0.3137

 3.0572, 0.4101,
0.2734

200.4964, 0.3372,
0.3148

 1.1617, 0.4455,
0.2539

244.4932, 0.3357,

 0.0301, 0.8108,

0.3157

0.0372

294.4969, 0.3343,
0.3165

0.0000, 0.0000,
0.0000

41.1368, 0.3542,
0.3050

41.1368, 0.3542,
0.3050

34.0399, 0.3754,
0.2961

49.5847, 0.3368,
0.3139

28.2178, 0.4006,
0.2879

59.4433, 0.3225,
0.3224

23.5954, 0.4301,
0.2810

70.7754, 0.3108,
0.3304

20.0876, 0.4631,
0.2767

83.6384, 0.3013,
0.3378

17.5975, 0.4982,
0.2762

92.8703, 0.2933,
0.3365

■ 16.0116, 0.5327,
0.2804

■ 93.3367, 0.2894,
0.3289

■ 15.1644, 0.5637,
0.2891

■ 15.0478, 0.5689,
0.2908

Harmonies

Analogous

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



41.1368, 0.3171, 0.2816



41.1368, 0.3542, 0.3050



41.1368, 0.3805, 0.3347

Triad

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



41.1368, 0.3542, 0.3050



41.1368, 0.3422, 0.3964



41.1368, 0.2433, 0.2871

Complementary

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



41.1368, 0.3542, 0.3050



60.0613, 0.2836, 0.3545

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.



41.1368, 0.2492, 0.3172



41.1368, 0.3542, 0.3050



41.1368, 0.3050, 0.3840

Square

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



41.1368, 0.3542, 0.3050



41.1368, 0.3727, 0.3880



41.1368, 0.2712, 0.3537



41.1368, 0.2545, 0.2705

Rectangle

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



41.1368, 0.3542, 0.3050



41.1368, 0.3874, 0.3551



41.1368, 0.2712, 0.3537



41.1368, 0.2434, 0.2959

Sweetspot

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



41.1387, 0.3542, 0.3050



86.8153, 0.3223, 0.3225



40.0955, 0.2978, 0.2552



18.0851, 0.3243, 0.3212



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.



41.1387, 0.3542, 0.3050



53.3927, 0.3666, 0.2996



43.9381, 0.3710, 0.3416



12.4872, 0.3240, 0.3214



8.9259, 0.5649, 0.2886



0.5534, 0.5157, 0.2615

Inverse Universe

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



41.1387, 0.3542, 0.3050



53.3927, 0.3666, 0.2996



55.9851, 0.2706, 0.3160



12.4872, 0.3240, 0.3214



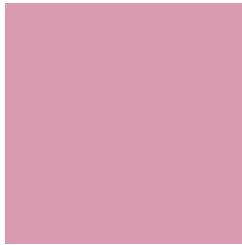
8.9259, 0.5649, 0.2886



0.5534, 0.5157, 0.2615

Previews

White Background



This preview shows how the Yxy color 41.1368, 0.3542, 0.3050 looks on a white background.

Color Contrast Check

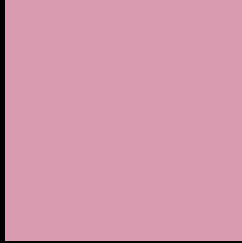
Large Text (above 18pt) WCAG AA × Fail

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 41.1368, 0.3542, 0.3050 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 41.1368, 0.3542, 0.3050

Background



This preview shows how black text looks on a background with the Yxy color 41.1368, 0.3542, 0.3050.



This preview shows how white text looks on a background with the Yxy color 41.1368, 0.3542, 0.3050.

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

41.1368, 0.3542, 0.3050

Protanopia

41.3993, 0.3021, 0.3101

Deuteranopia

41.3459, 0.3270, 0.3212



Tritanopia

41.0512, 0.3599, 0.3145

Trichromacy



Original Color

41.1368, 0.3542, 0.3050

Protanomaly

40.9378, 0.3202, 0.3082

Deuteranomaly

41.2561, 0.3362, 0.3150

Tritanomaly

41.1643, 0.3569, 0.3109

Monochromacy



Original Color

41.1368, 0.3542, 0.3050

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.2162, 0.3270, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1368, 0.3542, 0.3050 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(216, 155, 175)` looks like.

```
.text, #text, p{  
    color:rgb(216, 155, 175)  
}
```

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(216, 155, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 155, 175) }
```

Border

The CSS property to change the border of an element to Yxy 41.1368, 0.3542, 0.3050 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(216, 155, 175) }
```

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

```
.border{ border-color:rgb(216, 155, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 155, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 155, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 155, 175);  
box-shadow:4px 4px 4px 4px rgb(216, 155,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1368, 0.3542, 0.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 155, 175) }
```

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

```
.background{ background-color: rgb(216,  
155, 175) }
```

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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