

Converting Colors

$Y_{xy}(41.1155, 0.3537, 0.3054)$

Have a look what the booklet for
Yxy(41.1155, 0.3537, 0.3054)
contains.

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Color

Yxy(40.9849, 0.3532, 0.3049)

Conversions

Conversions Part 1

Format	Color
Hex	D79BAF
RGB	215, 155, 175
RGB Percent	84%, 61%, 69%
CMY	0.1569, 0.3921, 0.3138
CMYK	0.00, 0.28, 0.19, 0.16
HSL	340°, 43%, 73%
HSV	340°, 28%, 84%
XYZ	47.4774, 40.9849, 45.9585
YIQ	175.2200, 29.3400, 18.9400

Conversions

Conversions Part 2

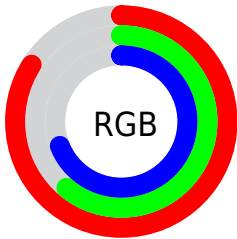
Format	Color
R _Y B	215, 155, 175
Decimal	14130095
CIE Lab	70.17, 25.32, -1.46
CIE LCh	70, 25.362, 356.689
Yxy	40.9849, 0.3532, 0.3049
Android (android.graphics.Color)	4292320175 (0xFFD79BAF)
YUV	175.2200, -0.1085, 34.8871
Hunter-Lab	64.0195, 20.3432, 2.2503

Details

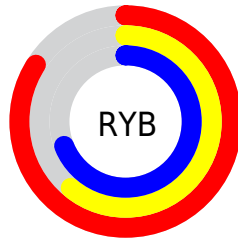
The Yxy color **40.9849, 0.3532, 0.3049** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.5004, 0.2841, 0.3546**, and the grayscale version is **42.9791, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.0664, 0.3323, 0.3090**, and **18.5015, 0.3645, 0.2968** is the 20% darker color. If you saturate the color by 10%, you get **33.9222, 0.3740, 0.2959**, and if you desaturate by 10%, it is **49.3850, 0.3360, 0.3139**.

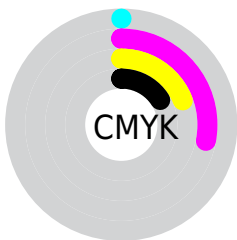
Distribution



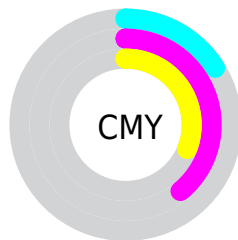
- Red (84%)
- Green (61%)
- Blue (69%)



- Red (84%)
- Yellow (61%)
- Blue (69%)



- Cyan (0%)
- Magenta (28%)
- Yellow (19%)
- Black (16%)





- Cyan (16%)
- Magenta (39%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.9849, 0.3532, 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 40.9849, 0.3532, 0.3049 by changing the saturation by 10% instead.

 40.9849, 0.3532,
0.3049


 40.9849, 0.3532,
0.3049


350.2575, 0.3326,
0.3171

 28.3073, 0.3585,
0.3018


 76.6610, 0.3456,
0.3094

 18.5574, 0.3653,
0.2978


 100.4282, 0.3428,
0.3110

 11.3509, 0.3746,
0.2924


128.6608, 0.3404,
0.3125

 6.3034, 0.3877,
0.2848

161.7431, 0.3384,
0.3137

 3.0304, 0.4079,
0.2732

200.0595, 0.3366,
0.3147

 1.1476, 0.4425,
0.2536

243.9945, 0.3351,

 0.0183, 0.8188,

0.3156

0.0236

293.9323, 0.3338,
0.3164

0.0000, 0.0000,
0.0000

40.9849, 0.3532,
0.3049

40.9849, 0.3532,
0.3049

33.9222, 0.3740,
0.2959

49.3850, 0.3360,
0.3139

28.1218, 0.3989,
0.2874

59.1813, 0.3220,
0.3225

23.5099, 0.4279,
0.2804

70.4356, 0.3105,
0.3307

20.0025, 0.4605,
0.2758

83.2048, 0.3011,
0.3382

17.5045, 0.4952,
0.2750

92.6592, 0.2933,
0.3375

■ 15.9044, 0.5295,
0.2790

■ 93.1837, 0.2888,
0.3289

■ 15.0449, 0.5605,
0.2876

■ 14.9063, 0.5667,
0.2895

Harmonies

Analogous

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



40.9849, 0.3165, 0.2819



40.9849, 0.3532, 0.3049



40.9849, 0.3794, 0.3342

Triad

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



40.9849, 0.3532, 0.3049



40.9849, 0.3424, 0.3955



40.9849, 0.2441, 0.2880

Complementary

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



40.9849, 0.3532, 0.3049



59.5004, 0.2841, 0.3546

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.



40.9849, 0.2501, 0.3179



40.9849, 0.3532, 0.3049



40.9849, 0.3056, 0.3835

Square

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



40.9849, 0.3532, 0.3049



40.9849, 0.3723, 0.3871



40.9849, 0.2721, 0.3539



40.9849, 0.2549, 0.2714

Rectangle

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



40.9849, 0.3532, 0.3049



40.9849, 0.3864, 0.3544



40.9849, 0.2721, 0.3539



40.9849, 0.2442, 0.2967

Sweetspot

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



40.9868, 0.3532, 0.3049



86.8223, 0.3222, 0.3224



39.9545, 0.2981, 0.2561



18.0869, 0.3242, 0.3211



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.



40.9868, 0.3532, 0.3049



54.4469, 0.3640, 0.3000



43.7250, 0.3700, 0.3414



12.4884, 0.3239, 0.3213



8.9355, 0.5627, 0.2874



0.5541, 0.5138, 0.2604

Inverse Universe

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



40.9868, 0.3532, 0.3049



54.4469, 0.3640, 0.3000



55.5306, 0.2711, 0.3162



12.4884, 0.3239, 0.3213



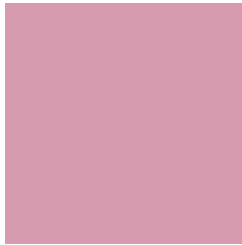
8.9355, 0.5627, 0.2874



0.5541, 0.5138, 0.2604

Previews

White Background



This preview shows how the Yxy color 40.9849, 0.3532, 0.3049 looks on a white background.

Color Contrast Check

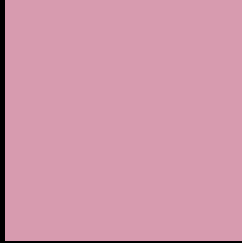
Large Text (above 18pt) WCAG AA × Fail

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 40.9849, 0.3532, 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 40.9849, 0.3532, 0.3049

Background



This preview shows how black text looks on a background with the Yxy color 40.9849, 0.3532, 0.3049.



This preview shows how white text looks on a background with the Yxy color 40.9849, 0.3532, 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

40.9849, 0.3532, 0.3049

Protanopia

41.2444, 0.3021, 0.3114

Deuteranopia

40.9809, 0.3271, 0.3198



Tritanopia

40.9002, 0.3590, 0.3145

Trichromacy



Original Color

40.9849, 0.3532, 0.3049

Protanomaly

40.8113, 0.3192, 0.3081

Deuteranomaly

40.9024, 0.3363, 0.3137

Tritanomaly

41.0133, 0.3560, 0.3108

Monochromacy



Original Color

40.9849, 0.3532, 0.3049

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.0476, 0.3270, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9849, 0.3532, 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(215, 155, 175)` looks like.

```
.text, #text, p{  
    color:rgb(215, 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(215, 155, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 155, 175) }
```

Border

The CSS property to change the border of an element to Yxy 40.9849, 0.3532, 0.3049 is called "border". The border property can be set on classes, ids or directly on the HTML element.

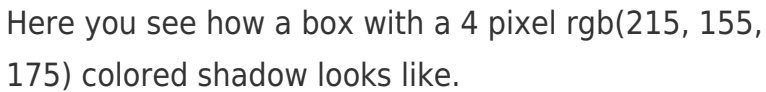
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 155, 175) }
```

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

```
.border{ border-color:rgb(215, 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(215, 155, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 155, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 155, 175); box-shadow:4px 4px 4px 4px rgb(215, 155, 175) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9849, 0.3532, 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(215, 155, 175) }
```

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

```
.background{ background-color: rgb(215,  
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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