

Converting Colors

$Y_{xy}(42.6335, 0.3350, 0.3075)$

Have a look what the booklet for
Yxy(42.6335, 0.3350, 0.3075)
contains.

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Color

Yxy(42.7245, 0.3353, 0.3079)

Conversions

Conversions Part 1

Format	Color
Hex	CCA4B5
RGB	204, 164, 181
RGB Percent	80%, 64%, 71%
CMY	0.1998, 0.3569, 0.2902
CMYK	0.00, 0.20, 0.11, 0.20
HSL	335°, 28%, 72%
HSV	335°, 20%, 80%
XYZ	46.5266, 42.7245, 49.5099
YIQ	177.8980, 18.3830, 13.7670

Conversions

Conversions Part 2

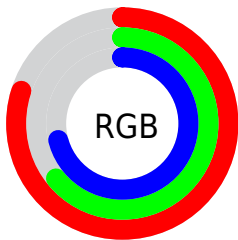
Format	Color
R_{YB}	204, 164, 181
Decimal	13411509
CIE _{Lab}	71.37, 17.47, -3.16
CIE _{LCh}	71, 17.755, 349.746
Yxy	42.7245, 0.3353, 0.3079
Android (android.graphics.Color)	4291601589 (0xFFCCA4B5)
YUV	177.8980, 1.5293, 22.8915
Hunter-Lab	65.3640, 12.6706, 0.8456

Details

The Yxy color **42.7245, 0.3353, 0.3079** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.6873, 0.2946, 0.3511**, and the grayscale version is **44.4512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.0375, 0.3264, 0.3112**, and **19.5364, 0.3416, 0.3022** is the 20% darker color. If you saturate the color by 10%, you get **35.5386, 0.3505, 0.2965**, and if you desaturate by 10%, it is **51.1264, 0.3227, 0.3189**.

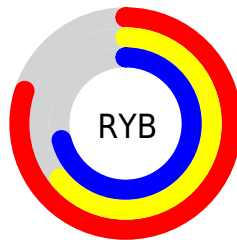
Distribution



Red (80%)

Green (64%)

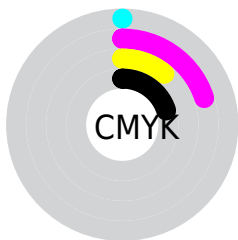
Blue (71%)



Red (80%)

Yellow (64%)

Blue (71%)

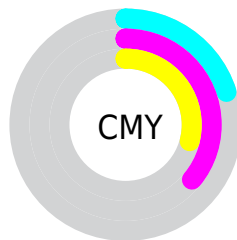


Cyan (0%)

Magenta (20%)

Yellow (11%)

Black (20%)



Cyan (20%)

Magenta (36%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.7245, 0.3353, 0.3079 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 42.7245, 0.3353, 0.3079 by changing the saturation by 10% instead.


 42.7245, 0.3353,
0.3079

 42.7245, 0.3353,
0.3079

357.4775, 0.3239,
0.3185

 29.6690, 0.3382,
0.3053


 79.2950, 0.3311,
0.3117

 19.5875, 0.3419,
0.3019


 103.5787, 0.3296,
0.3132

 12.0956, 0.3469,
0.2973


132.3740, 0.3283,
0.3144

 6.8088, 0.3539,
0.2910

166.0653, 0.3272,
0.3154

 3.3428, 0.3645,
0.2816

205.0368, 0.3262,
0.3164

 1.3132, 0.3825,
0.2659

249.6732, 0.3253,

 0.1514, 0.5150,

0.3171

0.1367

300.3586, 0.3246,
0.3178

0.0000, 0.0000,
0.0000

42.7245, 0.3353,
0.3079

42.7245, 0.3353,
0.3079

35.5386, 0.3505,
0.2965

51.1264, 0.3227,
0.3189

29.5062, 0.3687,
0.2852

60.7917, 0.3124,
0.3294

24.5680, 0.3901,
0.2745

71.7719, 0.3039,
0.3391

20.6567, 0.4148,
0.2656

84.1144, 0.2969,
0.3480

17.6979, 0.4423,
0.2595

90.6367, 0.2907,
0.3451

■ 15.6068, 0.4715,
0.2575

■ 91.3559, 0.2846,
0.3326

■ 14.2833, 0.5007,
0.2607

■ 91.5836, 0.2827,
0.3289

■ 13.5496, 0.5282,
0.2686

■ 13.5262, 0.5293,
0.2689

Harmonies

Analogous

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



42.7245, 0.3096, 0.2929



42.7245, 0.3353, 0.3079



42.7245, 0.3554, 0.3282

Triad

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



42.7245, 0.3353, 0.3079



42.7245, 0.3391, 0.3744



42.7245, 0.2644, 0.3052

Complementary

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



42.7245, 0.3353, 0.3079



54.6873, 0.2946, 0.3511

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.



42.7245, 0.2716, 0.3275



42.7245, 0.3353, 0.3079



42.7245, 0.3142, 0.3690

Square

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



42.7245, 0.3353, 0.3079



42.7245, 0.3574, 0.3667



42.7245, 0.2896, 0.3514



42.7245, 0.2694, 0.2907

Rectangle

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



42.7245, 0.3353, 0.3079



42.7245, 0.3624, 0.3427



42.7245, 0.2896, 0.3514



42.7245, 0.2655, 0.3120

Sweetspot

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



42.7264, 0.3353, 0.3079



90.0697, 0.3188, 0.3227



41.4336, 0.2996, 0.2784



19.0574, 0.3195, 0.3220



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.



42.7264, 0.3353, 0.3079



64.9109, 0.3421, 0.3026



43.0359, 0.3505, 0.3325



11.2914, 0.3225, 0.3192



8.5272, 0.5257, 0.2670



0.4550, 0.4760, 0.2396

Inverse Universe

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



42.7264, 0.3353, 0.3079



64.9109, 0.3421, 0.3026



54.2008, 0.2834, 0.3255



11.2914, 0.3225, 0.3192



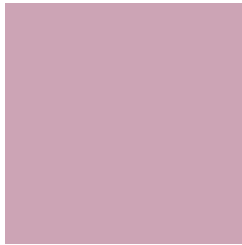
8.5272, 0.5257, 0.2670



0.4550, 0.4760, 0.2396

Previews

White Background



This preview shows how the Yxy color 42.7245, 0.3353, 0.3079 looks on a white background.

Color Contrast Check

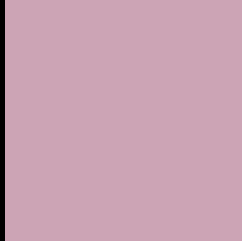
Large Text (above 18pt) WCAG AA × Fail

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 42.7245, 0.3353, 0.3079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

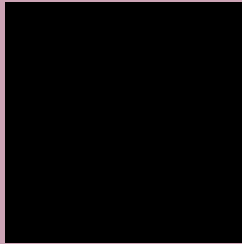
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.7245, 0.3353, 0.3079

Background



This preview shows how black text looks on a background with the Yxy color 42.7245, 0.3353, 0.3079.



This preview shows how white text looks on a background with the Yxy color 42.7245, 0.3353, 0.3079.

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

42.7245, 0.3353, 0.3079

Protanopia

42.9739, 0.3031, 0.3117

Deuteranopia

42.9919, 0.3224, 0.3161



Tritanopia

42.9220, 0.3388, 0.3141

Trichromacy



Original Color

42.7245, 0.3353, 0.3079

Protanomaly

42.6913, 0.3145, 0.3095

Deuteranomaly

42.9027, 0.3272, 0.3137

Tritanomaly

42.9620, 0.3378, 0.3129

Monochromacy



Original Color

42.7245, 0.3353, 0.3079

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.7066, 0.3202, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7245, 0.3353, 0.3079 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(204, 164, 181)` looks like.

```
.text, #text, p{  
    color:rgb(204, 164, 181)  
}
```

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(204, 164, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 164, 181) }
```

Border

The CSS property to change the border of an element to Yxy 42.7245, 0.3353, 0.3079 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(204, 164, 181) }
```

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

```
.border{ border-color:rgb(204, 164, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 164, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 164, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 164, 181);  
box-shadow:4px 4px 4px 4px rgb(204, 164,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7245, 0.3353, 0.3079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 164, 181) }
```

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

```
.background{ background-color: rgb(204,  
164, 181) }
```

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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