

Converting Colors

$Y_{xy}(42.1420, 0.3238, 0.3050)$

Have a look what the booklet for
Yxy(42.1420, 0.3238, 0.3050)
contains.

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Color

Yxy(41.9731, 0.3240, 0.3049)

Conversions

Conversions Part 1

Format	Color
Hex	C3A5B8
RGB	195, 165, 184
RGB Percent	76%, 65%, 72%
CMY	0.2355, 0.3529, 0.2785
CMYK	0.00, 0.15, 0.06, 0.24
HSL	322°, 20%, 71%
HSV	322°, 15%, 76%
XYZ	44.6024, 41.9731, 51.0863
YIQ	176.1360, 11.7810, 12.2690

Conversions

Conversions Part 2

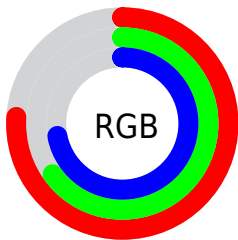
Format	Color
R _Y B	195, 165, 184
Decimal	12821944
CIE Lab	70.85, 14.18, -5.66
CIE LCh	71, 15.272, 338.230
Yxy	41.9731, 0.3240, 0.3049
Android (android.graphics.Color)	4291012024 (0xFFC3A5B8)
YUV	176.1360, 3.8770, 16.5437
Hunter-Lab	64.7866, 9.5119, -1.4014

Details

The Yxy color $41.9731, 0.3240, 0.3049$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $50.1478, 0.3029, 0.3544$, and the grayscale version is $43.4640, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.1731, 0.3222, 0.3091$, and $19.1117, 0.3271, 0.2979$ is the 20% darker color. If you saturate the color by 10%, you get $35.1764, 0.3331, 0.2884$, and if you desaturate by 10%, it is $49.8608, 0.3163, 0.3208$.

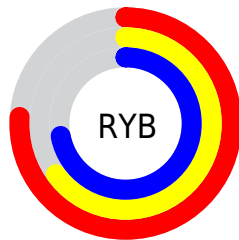
Distribution



Red (76%)

Green (65%)

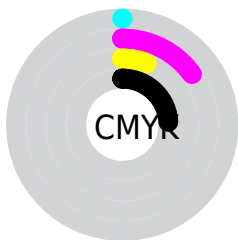
Blue (72%)



Red (76%)

Yellow (65%)

Blue (72%)

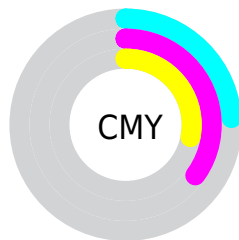


Cyan (0%)

Magenta (15%)

Yellow (6%)

Black (24%)



Cyan (24%)


Magenta (35%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9731, 0.3240, 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 41.9731, 0.3240, 0.3049 by changing the saturation by 10% instead.


 41.9731, 0.3240,
0.3049

 41.9731, 0.3240,
0.3049


354.3714, 0.3184,
0.3169

 29.0802, 0.3254,
0.3019


 78.1589, 0.3220,
0.3093

 19.1415, 0.3272,
0.2980


 102.2206, 0.3212,
0.3109

 11.7726, 0.3296,
0.2929


130.7741, 0.3205,
0.3123

 6.5890, 0.3329,
0.2858

164.2037, 0.3200,
0.3135

 3.2064, 0.3379,
0.2751

202.8939, 0.3195,
0.3145

 1.2404, 0.3462,
0.2575

247.2289, 0.3191,

 0.0944, 0.4236,

0.3154

0.0917

297.5933, 0.3187,
0.3162

0.0000, 0.0000,
0.0000

41.9731, 0.3240,
0.3049

41.9731, 0.3240,
0.3049

35.1764, 0.3331,
0.2884

49.8608, 0.3163,
0.3208

29.4164, 0.3437,
0.2719

58.8793, 0.3099,
0.3359

24.6429, 0.3559,
0.2559

69.0736, 0.3045,
0.3500

20.7987, 0.3697,
0.2414

80.4842, 0.3000,
0.3630

17.8212, 0.3848,
0.2294

88.2694, 0.2961,
0.3675

■ 15.6398, 0.4009,
0.2210

■ 88.6559, 0.2923,
0.3594

■ 14.1727, 0.4174,
0.2173

■ 89.0587, 0.2886,
0.3515

■ 13.3197, 0.4336,
0.2187

■ 89.4781, 0.2848,
0.3437

■ 13.0380, 0.4411,
0.2204

■ 89.9142, 0.2812,
0.3360

Harmonies

Analogous

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



41.9731, 0.3016, 0.2944



41.9731, 0.3240, 0.3049



41.9731, 0.3439, 0.3213

Triad

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



41.9731, 0.3240, 0.3049



41.9731, 0.3427, 0.3669



41.9731, 0.2719, 0.3154

Complementary

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



41.9731, 0.3240, 0.3049



50.1478, 0.3029, 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.



41.9731, 0.2821, 0.3359



41.9731, 0.3240, 0.3049



41.9731, 0.3227, 0.3666

Square

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



41.9731, 0.3240, 0.3049



41.9731, 0.3548, 0.3569



41.9731, 0.3006, 0.3551



41.9731, 0.2721, 0.2997

Rectangle

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



41.9731, 0.3240, 0.3049



41.9731, 0.3528, 0.3338



41.9731, 0.3006, 0.3551



41.9731, 0.2742, 0.3220

Sweetspot

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



41.9749, 0.3240, 0.3049



89.7644, 0.3161, 0.3212



40.0869, 0.2976, 0.2895



19.4203, 0.3166, 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.



41.9749, 0.3240, 0.3049



71.4532, 0.3265, 0.3001



41.3802, 0.3375, 0.3239



10.1828, 0.3192, 0.3145



8.4948, 0.4390, 0.2192



0.3799, 0.4061, 0.2011

Inverse Universe

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



41.9749, 0.3240, 0.3049



71.4532, 0.3265, 0.3001



50.7732, 0.2924, 0.3342



10.1828, 0.3192, 0.3145



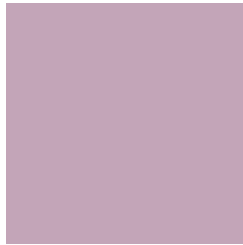
8.4948, 0.4390, 0.2192



0.3799, 0.4061, 0.2011

Previews

White Background



This preview shows how the Yxy color 41.9731, 0.3240, 0.3049 looks on a white background.

Color Contrast Check

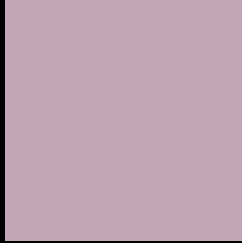
Large Text (above 18pt) WCAG AA × Fail

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 41.9731, 0.3240, 0.3049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

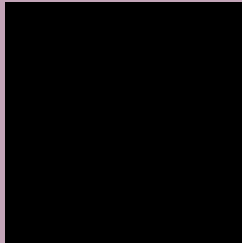
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.9731, 0.3240, 0.3049

Background



This preview shows how black text looks on a background with the Yxy color 41.9731, 0.3240, 0.3049.



This preview shows how white text looks on a background with the Yxy color 41.9731, 0.3240, 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

41.9731, 0.3240, 0.3049

Protanopia

41.9065, 0.2997, 0.3075

Deuteranopia

41.8633, 0.3164, 0.3094



Tritanopia

41.9964, 0.3274, 0.3124

Trichromacy



Original Color

41.9731, 0.3240, 0.3049

Protanomaly

41.6671, 0.3076, 0.3053

Deuteranomaly

41.8751, 0.3192, 0.3083

Tritanomaly

42.0780, 0.3256, 0.3098

Monochromacy



Original Color

41.9731, 0.3240, 0.3049

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.8270, 0.3167, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9731, 0.3240, 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(195, 165, 184)` looks like.

```
.text, #text, p{  
    color:rgb(195, 165, 184)  
}
```

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(195, 165, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 165, 184) }
```

Border

The CSS property to change the border of an element to Yxy 41.9731, 0.3240, 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(195, 165, 184) }
```

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

```
.border{ border-color:rgb(195, 165, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 165, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 165, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 165, 184);  
box-shadow:4px 4px 4px 4px rgb(195, 165,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9731, 0.3240, 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(195, 165, 184) }
```

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

```
.background{ background-color: rgb(195,  
165, 184) }
```

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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