

Converting Colors

$Yxy(45.0195, 0.3038, 0.2880)$

Have a look what the booklet for
Yxy(45.0195, 0.3038, 0.2880)
contains.

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Color

Yxy(45.1193, 0.3034, 0.2881)

Conversions

Conversions Part 1

Format	Color
Hex	C0ACCD
RGB	192, 172, 205
RGB Percent	75%, 67%, 80%
CMY	0.2470, 0.3255, 0.1960
CMYK	0.06, 0.16, 0.00, 0.20
HSL	276°, 25%, 74%
HSV	276°, 16%, 80%
XYZ	47.5154, 45.1193, 63.9751
YIQ	181.7420, 1.3270, 14.5030

Conversions

Conversions Part 2

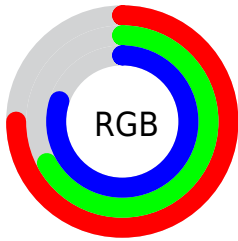
Format	Color
R_{YB}	192, 172, 205
Decimal	12627149
CIE _{Lab}	72.97, 13.33, -14.12
CIE _{LCh}	73, 19.418, 313.371
Yxy	45.1193, 0.3034, 0.2881
Android (android.graphics.Color)	4290817229 (0xFFC0ACCD)
YUV	181.7420, 11.4662, 8.9963
Hunter-Lab	67.1709, 8.7185, -9.4495

Details

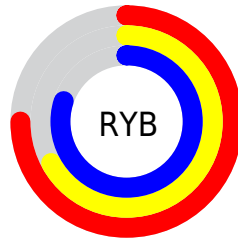
The Yxy color **45.1193, 0.3034, 0.2881** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **56.9655, 0.3207, 0.3707**, and the grayscale version is **46.5699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2979, 0.3099, 0.3015**, and **21.0706, 0.2998, 0.2772** is the 20% darker color. If you saturate the color by 10%, you get **36.8851, 0.2963, 0.2607**, and if you desaturate by 10%, it is **54.6190, 0.3095, 0.3140**.

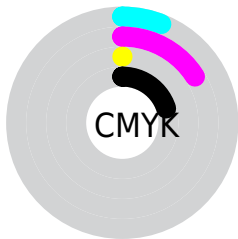
Distribution



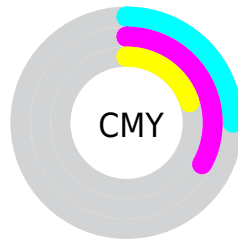
- Red (75%)
- Green (67%)
- Blue (80%)



- Red (75%)
- Yellow (67%)
- Blue (80%)



- Cyan (6%)
- Magenta (16%)
- Yellow (0%)
- Black (20%)





- Cyan (25%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.1193, 0.3034, 0.2881 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 45.1193, 0.3034, 0.2881 by changing the saturation by 10% instead.


 45.1193, 0.3034,
0.2881

 45.1193, 0.3034,
0.2881


367.2565, 0.3083,
0.3081

 31.5514, 0.3021,
0.2833


 82.8994, 0.3052,
0.2953

 21.0191, 0.3004,
0.2771


107.8804, 0.3059,
0.2980

 13.1380, 0.2982,
0.2691

137.4346, 0.3064,
0.3003

 7.5236, 0.2949,
0.2582

171.9463, 0.3069,
0.3023

 3.7917, 0.2898,
0.2424

211.7999, 0.3073,
0.3040

 1.5577, 0.2810,
0.2181

257.3799, 0.3077,

 0.3288, 0.2699,

0.3055

0.1391

309.0707, 0.3080,
0.3069

0.0000, 0.0000,
0.0000

45.1193, 0.3034,
0.2881

45.1193, 0.3034,
0.2881

36.8851, 0.2963,
0.2607

54.6190, 0.3095,
0.3140

29.8547, 0.2882,
0.2324

65.4309, 0.3146,
0.3381

23.9698, 0.2790,
0.2042

77.6062, 0.3189,
0.3602

19.1649, 0.2691,
0.1771

91.1916, 0.3224,
0.3803

15.3675, 0.2586,
0.1525

93.1481, 0.3275,
0.3804

■ 12.4962, 0.2479,
0.1316

■ 94.5331, 0.3327,
0.3796

■ 10.4560, 0.2375,
0.1154

■ 95.9810, 0.3381,
0.3787

■ 9.1281, 0.2276,
0.1043

■ 97.1888, 0.3424,
0.3780

■ 8.7164, 0.2240,
0.1007

Harmonies

Analogous

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



45.1193, 0.2791, 0.2835



45.1193, 0.3034, 0.2881



45.1193, 0.3313, 0.3024

Triad

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



45.1193, 0.3034, 0.2881



45.1193, 0.3634, 0.3661



45.1193, 0.2719, 0.3329

Complementary

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



45.1193, 0.3034, 0.2881



56.9655, 0.3207, 0.3707

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.



45.1193, 0.2931, 0.3580



45.1193, 0.3034, 0.2881



45.1193, 0.3460, 0.3771

Square

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



45.1193, 0.3034, 0.2881



45.1193, 0.3668, 0.3462



45.1193, 0.3201, 0.3746



45.1193, 0.2615, 0.3079

Rectangle

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



45.1193, 0.3034, 0.2881



45.1193, 0.3480, 0.3158



45.1193, 0.3201, 0.3746



45.1193, 0.2779, 0.3417

Sweetspot

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



45.1212, 0.3034, 0.2881



91.1935, 0.3101, 0.3167



47.9632, 0.2875, 0.3035



19.2638, 0.3097, 0.3149



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.



45.1212, 0.3034, 0.2881



69.4479, 0.3013, 0.2797



46.7366, 0.3173, 0.2933



11.1748, 0.3076, 0.3057



5.4815, 0.2253, 0.1015



0.3260, 0.2439, 0.1117

Inverse Universe

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



45.9884, 0.3315, 0.3131



71.1383, 0.3359, 0.3098



55.5500, 0.3084, 0.3675



11.2856, 0.3229, 0.3199



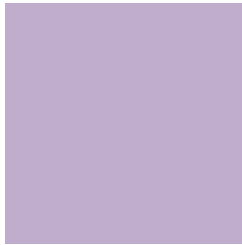
8.4646, 0.5384, 0.2740



0.4515, 0.4863, 0.2453

Previews

White Background



This preview shows how the Yxy color 45.1193, 0.3034, 0.2881 looks on a white background.

Color Contrast Check

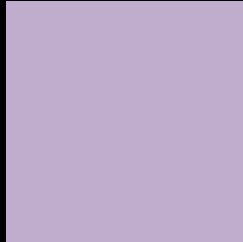
Large Text (above 18pt) WCAG AA × Fail

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 45.1193, 0.3034, 0.2881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

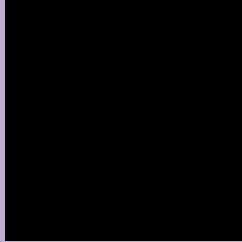
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.1193, 0.3034, 0.2881

Background



This preview shows how black text looks on a background with the Yxy color 45.1193, 0.3034, 0.2881.



This preview shows how white text looks on a background with the Yxy color 45.1193, 0.3034, 0.2881.

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

45.1193, 0.3034, 0.2881

Protanopia

45.3285, 0.2850, 0.2893

Deuteranopia

45.3820, 0.2975, 0.2913



Tritanopia

45.1529, 0.3136, 0.3112

Trichromacy



Original Color

45.1193, 0.3034, 0.2881

Protanomaly

45.3080, 0.2912, 0.2885

Deuteranomaly

45.3712, 0.3000, 0.2903

Tritanomaly

45.1594, 0.3096, 0.3025

Monochromacy



Original Color

45.1193, 0.3034, 0.2881

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.9976, 0.3100, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1193, 0.3034, 0.2881 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(192, 172, 205)` looks like.

```
.text, #text, p{  
    color:rgb(192, 172, 205)  
}
```

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(192, 172, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 172, 205) }
```

Border

The CSS property to change the border of an element to Yxy 45.1193, 0.3034, 0.2881 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(192, 172, 205) }
```

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

```
.border{ border-color:rgb(192, 172, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 172, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 172, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 172, 205);  
box-shadow:4px 4px 4px 4px rgb(192, 172,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1193, 0.3034, 0.2881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 172, 205) }
```

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

```
.background{ background-color: rgb(192,  
172, 205) }
```

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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