

Converting Colors

Yxy(44.3718, 0.3045, 0.2891)

Have a look what the booklet for
Yxy(44.3718, 0.3045, 0.2891)
contains.

Yxy(44.5140, 0.3041, 0.2891)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.5140, 0.3041, 0.2891)

Conversions

Conversions Part 1

Format	Color
Hex	BFABCB
RGB	191, 171, 203
RGB Percent	75%, 67%, 80%
CMY	0.2511, 0.3294, 0.2038
CMYK	0.06, 0.16, 0.00, 0.20
HSL	277°, 24%, 73%
HSV	277°, 16%, 80%
XYZ	46.8236, 44.5140, 62.6368
YIQ	180.6280, 1.6480, 14.1920

Conversions

Conversions Part 2

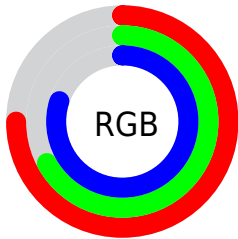
Format	Color
R_{YB}	191, 171, 203
Decimal	12561355
CIE _{Lab}	72.57, 13.12, -13.63
CIE _{LCh}	73, 18.919, 313.917
Yxy	44.5140, 0.3041, 0.2891
Android (android.graphics.Color)	4290751435 (0xFFBFABCB)
YUV	180.6280, 11.0294, 9.0962
Hunter-Lab	66.7188, 8.5143, -8.9593

Details

The Yxy color **44.5140, 0.3041, 0.2891** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **55.7385, 0.3201, 0.3697**, and the grayscale version is **45.9355, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.3869, 0.3086, 0.3004**, and **20.6819, 0.3008, 0.2785** is the 20% darker color. If you saturate the color by 10%, you get **36.4599, 0.2974, 0.2619**, and if you desaturate by 10%, it is **53.8016, 0.3098, 0.3149**.

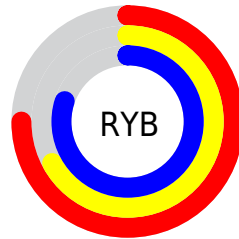
Distribution



Red (75%)

Green (67%)

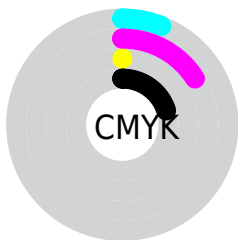
Blue (80%)



Red (75%)

Yellow (67%)

Blue (80%)

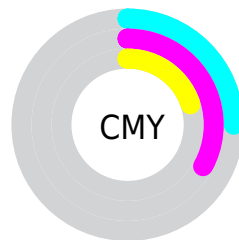


Cyan (6%)

Magenta (16%)

Yellow (0%)

Black (20%)



Cyan (25%)

Magenta (33%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5140, 0.3041, 0.2891 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 44.5140, 0.3041, 0.2891 by changing the saturation by 10% instead.

■ 44.5140, 0.3041,
0.2891

■ 44.5140, 0.3041,
0.2891

364.8017, 0.3086,
0.3087

■ 31.0748, 0.3029,
0.2843

■ 81.9906, 0.3058,
0.2961

■ 20.6558, 0.3013,
0.2783

106.7969, 0.3064,
0.2988

■ 12.8726, 0.2992,
0.2704

136.1609, 0.3069,
0.3010

■ 7.3409, 0.2961,
0.2596

170.4671, 0.3074,
0.3030

■ 3.6762, 0.2913,
0.2440

210.0999, 0.3078,
0.3047

■ 1.4941, 0.2828,
0.2196

255.4436, 0.3081,

■ 0.2846, 0.2723,

0.3062

0.1312

306.8828, 0.3084,
0.3075

0.0000, 0.0000,
0.0000

44.5140, 0.3041,
0.2891

44.5140, 0.3041,
0.2891

36.4599, 0.2974,
0.2619

53.8016, 0.3098,
0.3149

29.5794, 0.2897,
0.2338

64.3681, 0.3147,
0.3389

23.8157, 0.2810,
0.2058

76.2632, 0.3186,
0.3610

19.1052, 0.2716,
0.1789

89.5324, 0.3219,
0.3810

15.3777, 0.2615,
0.1545

92.5235, 0.3266,
0.3829

■ 12.5540, 0.2513,
0.1338

■ 93.8107, 0.3316,
0.3820

■ 10.5423, 0.2413,
0.1177

■ 95.1540, 0.3366,
0.3812

■ 9.2290, 0.2317,
0.1067

■ 96.5541, 0.3417,
0.3803

■ 8.7909, 0.2279,
0.1029

■ 97.0928, 0.3436,
0.3800

Harmonies

Analogous

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



44.5140, 0.2801, 0.2844



44.5140, 0.3041, 0.2891



44.5140, 0.3314, 0.3032

Triad

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



44.5140, 0.3041, 0.2891



44.5140, 0.3621, 0.3657



44.5140, 0.2725, 0.3323

Complementary

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



44.5140, 0.3041, 0.2891



55.7385, 0.3201, 0.3697

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.



44.5140, 0.2931, 0.3569



44.5140, 0.3041, 0.2891



44.5140, 0.3449, 0.3762

Square

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



44.5140, 0.3041, 0.2891



44.5140, 0.3657, 0.3463



44.5140, 0.3195, 0.3734



44.5140, 0.2625, 0.3080

Rectangle

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



44.5140, 0.3041, 0.2891



44.5140, 0.3476, 0.3165



44.5140, 0.3195, 0.3734



44.5140, 0.2783, 0.3409

Sweetspot

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



44.5159, 0.3041, 0.2891



91.2338, 0.3102, 0.3167



46.9563, 0.2880, 0.3034



19.2736, 0.3098, 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.



44.5159, 0.3041, 0.2891



69.5898, 0.3019, 0.2797



45.9675, 0.3176, 0.2947



11.1845, 0.3079, 0.3057



5.6467, 0.2291, 0.1036



0.3338, 0.2471, 0.1135

Inverse Universe

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



45.2524, 0.3315, 0.3141



71.0931, 0.3365, 0.3106



54.4667, 0.3081, 0.3659



11.2824, 0.3232, 0.3203



8.4325, 0.5453, 0.2777



0.4497, 0.4920, 0.2484

Previews

White Background



This preview shows how the Yxy color 44.5140, 0.3041, 0.2891 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 44.5140, 0.3041, 0.2891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

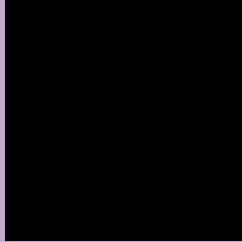
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5140, 0.3041, 0.2891

Background



This preview shows how black text looks on a background with the Yxy color 44.5140, 0.3041, 0.2891.



This preview shows how white text looks on a background with the Yxy color 44.5140, 0.3041, 0.2891.

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

44.5140, 0.3041, 0.2891

Protanopia

44.8335, 0.2864, 0.2904

Deuteranopia

44.7742, 0.2982, 0.2923



Tritanopia

44.6788, 0.3153, 0.3124

Trichromacy



Original Color

44.5140, 0.3041, 0.2891

Protanomaly

44.8195, 0.2926, 0.2896

Deuteranomaly

44.7637, 0.3007, 0.2913

Tritanomaly

44.6845, 0.3113, 0.3037

Monochromacy



Original Color

44.5140, 0.3041, 0.2891

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.4327, 0.3100, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5140, 0.3041, 0.2891 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(191, 171, 203)` looks like.

```
.text, #text, p{  
    color:rgb(191, 171, 203)  
}
```

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(191, 171, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 171, 203) }
```

Border

The CSS property to change the border of an element to Yxy 44.5140, 0.3041, 0.2891 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(191, 171, 203) }
```

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

```
.border{ border-color:rgb(191, 171, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 171, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 171, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 171, 203); box-shadow:4px 4px 4px 4px rgb(191, 171, 203) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5140, 0.3041, 0.2891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 171, 203) }
```

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

```
.background{ background-color: rgb(191,  
171, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor