

Converting Colors

$Yxy(45.2048, 0.2648, 0.2695)$

Have a look what the booklet for
Yxy(45.2048, 0.2648, 0.2695)
contains.

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Color

Yxy(45.3083, 0.2648, 0.2694)

Conversions

Conversions Part 1

Format	Color
Hex	A1B3E2
RGB	161, 179, 226
RGB Percent	63%, 70%, 89%
CMY	0.3689, 0.2980, 0.1138
CMYK	0.29, 0.21, 0.00, 0.11
HSL	223°, 53%, 76%
HSV	223°, 29%, 89%
XYZ	44.5347, 45.3083, 78.3393
YIQ	178.9760, -25.8150, 10.8010

Conversions

Conversions Part 2

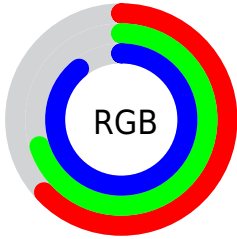
Format	Color
RYB	161, 175, 226
Decimal	10597346
CIELab	73.09, 4.32, -25.60
CIELCh	73, 25.964, 279.582
Yxy	45.3083, 0.2648, 0.2694
Android (android.graphics.Color)	4288787426 (0xFFA1B3E2)
YUV	178.9760, 23.1828, -15.7650
Hunter-Lab	67.3114, 0.3043, -21.8857

Details

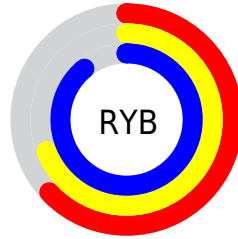
The Yxy color **45.3083, 0.2648, 0.2694** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **63.8036, 0.3613, 0.3822**, and the grayscale version is **44.9462, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.3884, 0.2892, 0.3082**, and **21.0501, 0.2514, 0.2520** is the 20% darker color. If you saturate the color by 10%, you get **37.0125, 0.2464, 0.2444**, and if you desaturate by 10%, it is **54.8060, 0.2825, 0.2923**.

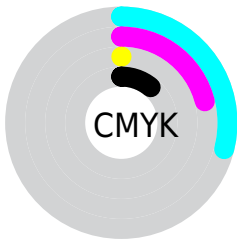
Distribution



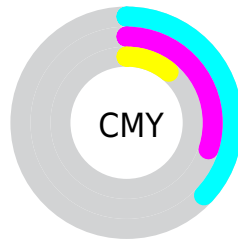
- Red (63%)
- Green (70%)
- Blue (89%)



- Red (63%)
- Yellow (69%)
- Blue (89%)



- Cyan (29%)
- Magenta (21%)
- Yellow (0%)
- Black (11%)



- Cyan (37%)
- Magenta (30%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.3083, 0.2648, 0.2694 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 45.3083, 0.2648, 0.2694 by changing the saturation by 10% instead.

■ 45.3083, 0.2648,
0.2694

■ 45.3083, 0.2648,
0.2694

368.0208, 0.2886,
0.2986

■ 31.7003, 0.2590,
0.2624

■ 83.1829, 0.2734,
0.2798

■ 21.1327, 0.2516,
0.2535

■ 108.2182, 0.2766,
0.2838

■ 13.2210, 0.2419,
0.2420

137.8315, 0.2794,
0.2872

■ 7.5809, 0.2287,
0.2265

172.4072, 0.2817,
0.2901

■ 3.8280, 0.2099,
0.2047

212.3295, 0.2838,
0.2926

■ 1.5778, 0.1813,
0.1723

257.9829, 0.2856,

■ 0.3426, 0.1231,

0.2948

0.0978

309.7519, 0.2872,
0.2968

0.0000, 0.0000,
0.0000

45.3083, 0.2648,
0.2694

45.3083, 0.2648,
0.2694

37.0125, 0.2464,
0.2444

54.8060, 0.2825,
0.2923

29.8633, 0.2277,
0.2177

65.5468, 0.2991,
0.3129

23.8091, 0.2096,
0.1902

77.5766, 0.3145,
0.3311

18.7920, 0.1930,
0.1627

90.9375, 0.3285,
0.3471

14.7478, 0.1787,
0.1368

98.2703, 0.3298,
0.3572

■ 11.6042, 0.1676,
0.1138

■ 9.2661, 0.1599,
0.0947

■ 9.0251, 0.1591,
0.0927

Harmonies

Analogous

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



45.3083, 0.2473, 0.2795



45.3083, 0.2648, 0.2694



45.3083, 0.2955, 0.2739

Triad

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



45.3083, 0.2648, 0.2694



45.3083, 0.3843, 0.3472



45.3083, 0.2905, 0.3720

Complementary

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



45.3083, 0.2648, 0.2694



63.8036, 0.3613, 0.3822

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.



45.3083, 0.3267, 0.3923



45.3083, 0.2648, 0.2694



45.3083, 0.3820, 0.3748

Square

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



45.3083, 0.2648, 0.2694



45.3083, 0.3658, 0.3172



45.3083, 0.3605, 0.3923



45.3083, 0.2614, 0.3383

Rectangle

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



45.3083, 0.2648, 0.2694



45.3083, 0.3201, 0.2841



45.3083, 0.3605, 0.3923



45.3083, 0.3022, 0.3808

Sweetspot

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



45.3101, 0.2648, 0.2694



85.7836, 0.2987, 0.3123



66.4887, 0.2814, 0.3516



17.8975, 0.2963, 0.3094



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.



45.3101, 0.2648, 0.2694



52.3695, 0.2530, 0.2535



40.0772, 0.2732, 0.2480



13.8604, 0.2981, 0.3116



5.3216, 0.1598, 0.0953



0.5171, 0.1682, 0.1256

Inverse Universe

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



44.8912, 0.3585, 0.3081



52.1838, 0.3730, 0.3032



70.9378, 0.3454, 0.4034



13.7628, 0.3249, 0.3225



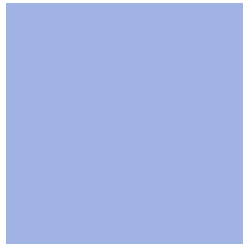
9.4453, 0.5830, 0.2985



0.6697, 0.5388, 0.2742

Previews

White Background



This preview shows how the Yxy color 45.3083, 0.2648, 0.2694 looks on a white background.

Color Contrast Check

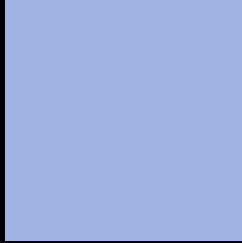
Large Text (above 18pt) WCAG AA × Fail

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 45.3083, 0.2648, 0.2694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

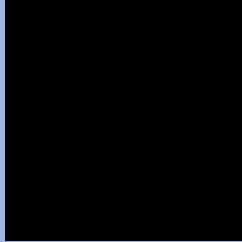
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

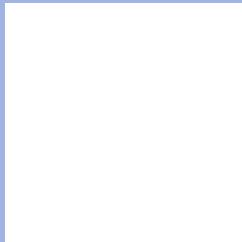
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.3083, 0.2648, 0.2694

Background



This preview shows how black text looks on a background with the Yxy color 45.3083, 0.2648, 0.2694.



This preview shows how white text looks on a background with the Yxy color 45.3083, 0.2648, 0.2694.

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

45.3083, 0.2648, 0.2694

Protanopia

45.2054, 0.2702, 0.2687

Deuteranopia

45.3674, 0.2718, 0.2657



Tritanopia

45.3731, 0.2787, 0.3087

Trichromacy



Original Color

45.3083, 0.2648, 0.2694

Protanomaly

45.2764, 0.2682, 0.2697

Deuteranomaly

45.3152, 0.2689, 0.2665

Tritanomaly

45.2274, 0.2733, 0.2933

Monochromacy



Original Color

45.3083, 0.2648, 0.2694

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.9964, 0.2937, 0.3067

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3083, 0.2648, 0.2694 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(161, 179, 226)` looks like.

```
.text, #text, p{  
    color:rgb(161, 179, 226)  
}
```

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(161, 179, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 179, 226) }
```

Border

The CSS property to change the border of an element to Yxy 45.3083, 0.2648, 0.2694 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(161, 179, 226) }
```

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

```
.border{ border-color:rgb(161, 179, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 179, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 179, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 179, 226);  
box-shadow:4px 4px 4px 4px rgb(161, 179,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3083, 0.2648, 0.2694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 179, 226) }
```

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

```
.background{ background-color: rgb(161,  
179, 226) }
```

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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