

Converting Colors

$Yxy(45.5837, 0.2931, 0.2708)$

Have a look what the booklet for
Yxy(45.5837, 0.2931, 0.2708)
contains.

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Color

Yxy(45.5777, 0.2935, 0.2711)

Conversions

Conversions Part 1

Format	Color
Hex	C1ABDB
RGB	193, 171, 219
RGB Percent	76%, 67%, 86%
CMY	0.2430, 0.3294, 0.1413
CMYK	0.12, 0.22, 0.00, 0.14
HSL	268°, 40%, 76%
HSV	268°, 22%, 86%
XYZ	49.3436, 45.5777, 73.2000
YIQ	183.0500, -2.2960, 19.5920

Conversions

Conversions Part 2

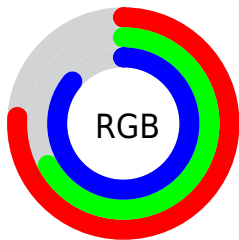
Format	Color
RYB	193, 171, 219
Decimal	12692443
CIELab	73.27, 17.07, -21.29
CIELCh	73, 27.286, 308.715
Yxy	45.5777, 0.2935, 0.2711
Android (android.graphics.Color)	4290882523 (0xFFC1ABDB)
YUV	183.0500, 17.7233, 8.7261
Hunter-Lab	67.5113, 12.3200, -17.0281

Details

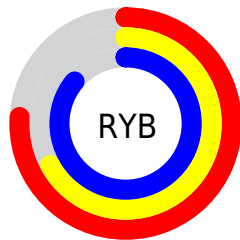
The Yxy color $45.5777, 0.2935, 0.2711$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $65.4569, 0.3288, 0.3865$, and the grayscale version is $47.2867, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.9367, 0.3106, 0.3006$, and $21.3630, 0.2875, 0.2565$ is the 20% darker color. If you saturate the color by 10%, you get $36.4858, 0.2826, 0.2417$, and if you desaturate by 10%, it is $56.1685, 0.3031, 0.2988$.

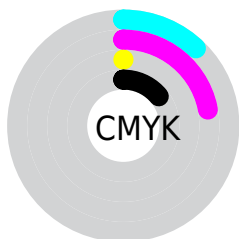
Distribution



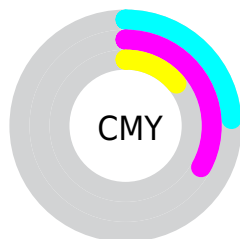
- Red (76%)
- Green (67%)
- Blue (86%)



- Red (76%)
- Yellow (67%)
- Blue (86%)



- Cyan (12%)
- Magenta (22%)
- Yellow (0%)
- Black (14%)



- Cyan (24%)
- Magenta (33%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.5777, 0.2935, 0.2711 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 45.5777, 0.2935, 0.2711 by changing the saturation by 10% instead.

■ 45.5777, 0.2935,
0.2711

■ 45.5777, 0.2935,
0.2711

369.1083, 0.3034,
0.2990

■ 31.9127, 0.2909,
0.2645

■ 83.5866, 0.2972,
0.2810

■ 21.2948, 0.2876,
0.2561

108.6994, 0.2985,
0.2848

■ 13.3397, 0.2832,
0.2454

138.3968, 0.2997,
0.2880

■ 7.6629, 0.2769,
0.2310

173.0633, 0.3006,
0.2908

■ 3.8800, 0.2675,
0.2109

213.0833, 0.3015,
0.2932

■ 1.6067, 0.2519,
0.1811

258.8412, 0.3022,

■ 0.3621, 0.2286,

0.2954

0.1088

310.7214, 0.3029,
0.2973

0.0000, 0.0000,
0.0000

45.5777, 0.2935,
0.2711

45.5777, 0.2935,
0.2711

36.4858, 0.2826,
0.2417

56.1685, 0.3031,
0.2988

28.8167, 0.2703,
0.2115

68.3181, 0.3113,
0.3244

22.4962, 0.2569,
0.1814

82.0901, 0.3183,
0.3476

17.4408, 0.2429,
0.1529

95.2300, 0.3245,
0.3652

13.5573, 0.2287,
0.1277

97.3760, 0.3322,
0.3643

■ 10.7391, 0.2150,
0.1071

■ 97.8934, 0.3340,
0.3641

■ 8.8587, 0.2025,
0.0923

■ 7.8529, 0.1935,
0.0840

Harmonies

Analogous

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



45.5777, 0.2618, 0.2668



45.5777, 0.2935, 0.2711



45.5777, 0.3324, 0.2886

Triad

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



45.5777, 0.2935, 0.2711



45.5777, 0.3857, 0.3760



45.5777, 0.2597, 0.3398

Complementary

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



45.5777, 0.2935, 0.2711



65.4569, 0.3288, 0.3865

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.



45.5777, 0.2904, 0.3751



45.5777, 0.2935, 0.2711



45.5777, 0.3636, 0.3951

Square

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



45.5777, 0.2935, 0.2711



45.5777, 0.3876, 0.3469



45.5777, 0.3284, 0.3959



45.5777, 0.2433, 0.3036

Rectangle

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



45.5777, 0.2935, 0.2711



45.5777, 0.3571, 0.3059



45.5777, 0.3284, 0.3959



45.5777, 0.2686, 0.3523

Sweetspot

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



45.5796, 0.2935, 0.2711



87.3497, 0.3072, 0.3115



53.8804, 0.2784, 0.3022



18.4743, 0.3067, 0.3099



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.



45.5796, 0.2935, 0.2711



58.5674, 0.2889, 0.2586



48.9264, 0.3132, 0.2745



12.9085, 0.3052, 0.3053



4.7208, 0.1951, 0.0848



0.3567, 0.2133, 0.0949

Inverse Universe

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



48.2115, 0.3338, 0.2989



62.9387, 0.3390, 0.2926



62.5225, 0.3116, 0.3896



13.1687, 0.3208, 0.3164



9.7344, 0.4777, 0.2405



0.6480, 0.4452, 0.2226

Previews

White Background



This preview shows how the Yxy color 45.5777, 0.2935, 0.2711 looks on a white background.

Color Contrast Check

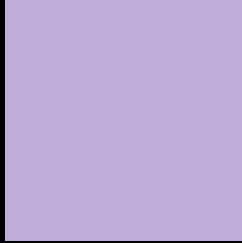
Large Text (above 18pt) WCAG AA × Fail

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 45.5777, 0.2935, 0.2711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

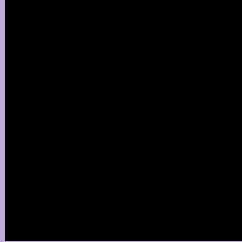
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.5777, 0.2935, 0.2711

Background



This preview shows how black text looks on a background with the Yxy color 45.5777, 0.2935, 0.2711.



This preview shows how white text looks on a background with the Yxy color 45.5777, 0.2935, 0.2711.

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

45.5777, 0.2935, 0.2711

Protanopia

45.6576, 0.2717, 0.2713

Deuteranopia

45.6963, 0.2832, 0.2767



Tritanopia

45.4597, 0.3118, 0.3111

Trichromacy



Original Color

45.5777, 0.2935, 0.2711

Protanomaly

45.3988, 0.2796, 0.2708

Deuteranomaly

45.5244, 0.2870, 0.2748

Tritanomaly

45.4363, 0.3048, 0.2952

Monochromacy



Original Color

45.5777, 0.2935, 0.2711

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.7905, 0.3061, 0.3075

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5777, 0.2935, 0.2711 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(193, 171, 219)` looks like.

```
.text, #text, p{  
    color:rgb(193, 171, 219)  
}
```

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(193, 171, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 171, 219) }
```

Border

The CSS property to change the border of an element to Yxy 45.5777, 0.2935, 0.2711 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(193, 171, 219) }
```

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

```
.border{ border-color:rgb(193, 171, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 171, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 171, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 171, 219);  
box-shadow:4px 4px 4px 4px rgb(193, 171,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5777, 0.2935, 0.2711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 171, 219) }
```

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

```
.background{ background-color: rgb(193,  
171, 219) }
```

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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