

Converting Colors

$Yxy(44.6461, 0.3054, 0.2906)$

Have a look what the booklet for
Yxy(44.6461, 0.3054, 0.2906)
contains.

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Color

Yxy(44.5966, 0.3058, 0.2904)

Conversions

Conversions Part 1

Format	Color
Hex	C0ABCA
RGB	192, 171, 202
RGB Percent	75%, 67%, 79%
CMY	0.2471, 0.3294, 0.2078
CMYK	0.05, 0.15, 0.00, 0.21
HSL	281°, 23%, 73%
HSV	281°, 15%, 79%
XYZ	46.9616, 44.5966, 62.0114
YIQ	180.8130, 2.5650, 14.0930

Conversions

Conversions Part 2

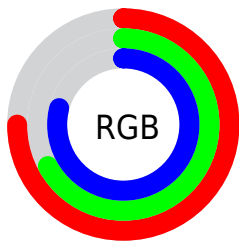
Format	Color
RYB	192, 171, 202
Decimal	12626890
CIELab	72.63, 13.27, -12.98
CIELCh	73, 18.564, 315.645
Yxy	44.5966, 0.3058, 0.2904
Android (android.graphics.Color)	4290816970 (0xFFC0ABCA)
YUV	180.8130, 10.4452, 9.8110
Hunter-Lab	66.7807, 8.6587, -8.3092

Details

The Yxy color $44.5966, 0.3058, 0.2904$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $55.0080, 0.3186, 0.3687$, and the grayscale version is $46.0447, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.7524, 0.3100, 0.3005$, and $20.7350, 0.3030, 0.2802$ is the 20% darker color. If you saturate the color by 10%, you get $36.7089, 0.3002, 0.2635$, and if you desaturate by 10%, it is $53.6920, 0.3105, 0.3160$.

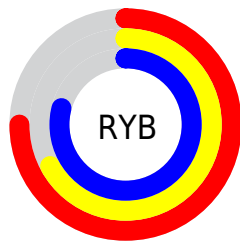
Distribution



Red (75%)

Green (67%)

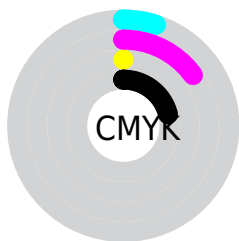
Blue (79%)



Red (75%)

Yellow (67%)

Blue (79%)

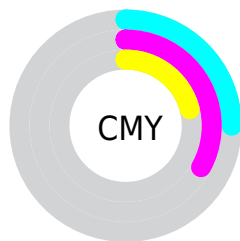


Cyan (5%)

Magenta (15%)

Yellow (0%)

Black (21%)



Cyan (25%)

Magenta (33%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5966, 0.3058, 0.2904 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 44.5966, 0.3058, 0.2904 by changing the saturation by 10% instead.

■ 44.5966, 0.3058,
0.2904

■ 44.5966, 0.3058,
0.2904

365.1373, 0.3095,
0.3093

■ 31.1398, 0.3048,
0.2858

■ 82.1147, 0.3072,
0.2972

■ 20.7053, 0.3035,
0.2799

106.9449, 0.3077,
0.2998

■ 12.9088, 0.3018,
0.2723

136.3349, 0.3081,
0.3020

■ 7.3658, 0.2992,
0.2618

170.6692, 0.3085,
0.3038

■ 3.6919, 0.2951,
0.2467

210.3322, 0.3088,
0.3055

■ 1.5027, 0.2879,
0.2230

255.7083, 0.3090,

■ 0.2907, 0.2807,

0.3069

0.1359

307.1819, 0.3093,
0.3082

0.0000, 0.0000,
0.0000

44.5966, 0.3058,
0.2904

44.5966, 0.3058,
0.2904

36.7089, 0.3002,
0.2635

53.6920, 0.3105,
0.3160

29.9699, 0.2938,
0.2360

64.0394, 0.3145,
0.3399

24.3243, 0.2865,
0.2087

75.6875, 0.3177,
0.3620

19.7097, 0.2786,
0.1827

88.6810, 0.3203,
0.3821

16.0572, 0.2701,
0.1593

91.7272, 0.3242,
0.3845

■ 13.2897, 0.2613,
0.1394

■ 92.7926, 0.3284,
0.3837

■ 11.3173, 0.2526,
0.1241

■ 93.8985, 0.3327,
0.3830

■ 10.0304, 0.2442,
0.1136

■ 95.0452, 0.3370,
0.3823

■ 9.5667, 0.2404,
0.1098

■ 96.2332, 0.3413,
0.3815

Harmonies

Analogous

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



44.5966, 0.2819, 0.2852



44.5966, 0.3058, 0.2904



44.5966, 0.3325, 0.3048

Triad

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



44.5966, 0.3058, 0.2904



44.5966, 0.3605, 0.3659



44.5966, 0.2723, 0.3308

Complementary

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



44.5966, 0.3058, 0.2904



55.0080, 0.3186, 0.3687

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.



44.5966, 0.2921, 0.3551



44.5966, 0.3058, 0.2904



44.5966, 0.3430, 0.3755

Square

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



44.5966, 0.3058, 0.2904



44.5966, 0.3649, 0.3473



44.5966, 0.3179, 0.3719



44.5966, 0.2633, 0.3072

Rectangle

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



44.5966, 0.3058, 0.2904



44.5966, 0.3482, 0.3179



44.5966, 0.3179, 0.3719



44.5966, 0.2779, 0.3393

Sweetspot

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



44.5985, 0.3058, 0.2904



91.3611, 0.3106, 0.3167



46.1082, 0.2886, 0.3021



19.3046, 0.3103, 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.



44.5985, 0.3058, 0.2904



71.4279, 0.3043, 0.2827



45.7085, 0.3188, 0.2975



11.2152, 0.3087, 0.3058



6.2056, 0.2415, 0.1104



0.3599, 0.2574, 0.1191

Inverse Universe

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



45.0214, 0.3324, 0.3166



72.2872, 0.3368, 0.3141



54.0425, 0.3072, 0.3627



11.2724, 0.3240, 0.3215



8.3416, 0.5660, 0.2892



0.4442, 0.5100, 0.2583

Previews

White Background



This preview shows how the Yxy color 44.5966, 0.3058, 0.2904 looks on a white background.

Color Contrast Check

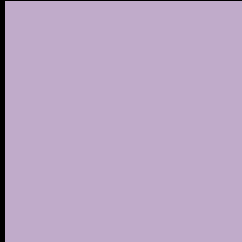
Large Text (above 18pt) WCAG AA × Fail

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 44.5966, 0.3058, 0.2904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

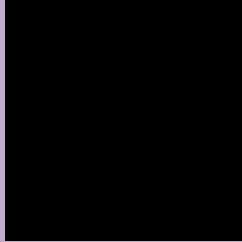
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5966, 0.3058, 0.2904

Background



This preview shows how black text looks on a background with the Yxy color 44.5966, 0.3058, 0.2904.



This preview shows how white text looks on a background with the Yxy color 44.5966, 0.3058, 0.2904.

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

44.5966, 0.3058, 0.2904

Protanopia

44.7847, 0.2871, 0.2916

Deuteranopia

44.8034, 0.3006, 0.2948



Tritanopia

44.8071, 0.3161, 0.3124

Trichromacy



Original Color

44.5966, 0.3058, 0.2904

Protanomaly

44.7710, 0.2934, 0.2908

Deuteranomaly

44.7956, 0.3031, 0.2938

Tritanomaly

44.7693, 0.3130, 0.3050

Monochromacy



Original Color

44.5966, 0.3058, 0.2904

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 44.5966, 0.3058, 0.2904 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, 171, 202)` looks like.

```
.text, #text, p{  
    color:rgb(192, 171, 202)  
}
```

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, 171, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 171, 202) }
```

Border

The CSS property to change the border of an element to Yxy 44.5966, 0.3058, 0.2904 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, 171, 202) }
```

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

```
.border{ border-color:rgb(192, 171, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 171, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 171, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 171, 202);  
box-shadow:4px 4px 4px 4px rgb(192, 171,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5966, 0.3058, 0.2904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 171, 202) }
```

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

```
.background{ background-color: rgb(192,  
171, 202) }
```

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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