

Converting Colors

$Yxy(45.4031, 0.3015, 0.3023)$

Have a look what the booklet for
Yxy(45.4031, 0.3015, 0.3023)
contains.

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Color

Yxy(45.5888, 0.3012, 0.3022)

Conversions

Conversions Part 1

Format	Color
Hex	B7B1C6
RGB	183, 177, 198
RGB Percent	72%, 69%, 78%
CMY	0.2825, 0.3058, 0.2235
CMYK	0.08, 0.11, 0.00, 0.22
HSL	257°, 16%, 74%
HSV	257°, 11%, 78%
XYZ	45.4379, 45.5888, 59.8296
YIQ	181.1880, -3.1650, 7.8030

Conversions

Conversions Part 2

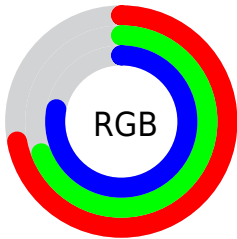
Format	Color
R _Y B	183, 177, 198
Decimal	12038598
CIE Lab	73.28, 6.14, -9.89
CIE LCh	73, 11.637, 301.842
Yxy	45.5888, 0.3012, 0.3022
Android (android.graphics.Color)	4290228678 (0xFFB7B1C6)
YUV	181.1880, 8.2883, 1.5891
Hunter-Lab	67.5195, 1.9644, -5.2738

Details

The Yxy color $45.5888, 0.3012, 0.3022$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $54.7749, 0.3235, 0.3552$, and the grayscale version is $46.2699, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.8485, 0.3032, 0.3071$, and $21.1747, 0.2980, 0.2942$ is the 20% darker color. If you saturate the color by 10%, you get $36.6755, 0.2886, 0.2742$, and if you desaturate by 10%, it is $55.8160, 0.3121, 0.3276$.

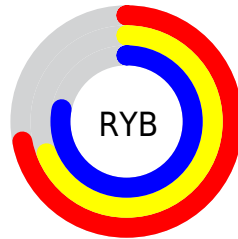
Distribution



Red (72%)

Green (69%)

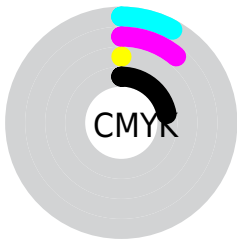
Blue (78%)



Red (72%)

Yellow (69%)

Blue (78%)

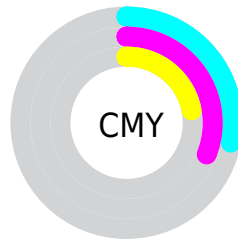


Cyan (8%)

Magenta (11%)

Yellow (0%)

Black (22%)



Cyan (28%)

Magenta (31%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.5888, 0.3012, 0.3022 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 45.5888, 0.3012, 0.3022 by changing the saturation by 10% instead.

■ 45.5888, 0.3012,
0.3022

■ 45.5888, 0.3012,
0.3022

369.1530, 0.3070,
0.3155

■ 31.9215, 0.2997,
0.2989

■ 83.6033, 0.3033,
0.3070

■ 21.3015, 0.2978,
0.2948

108.7192, 0.3041,
0.3088

■ 13.3446, 0.2952,
0.2893

138.4201, 0.3048,
0.3103

■ 7.6663, 0.2916,
0.2817

173.0903, 0.3054,
0.3116

■ 3.8821, 0.2861,
0.2705

213.1144, 0.3059,
0.3128

■ 1.6079, 0.2769,
0.2527

258.8766, 0.3063,

■ 0.3629, 0.2538,

0.3138

0.1862

310.7613, 0.3067,
0.3147

0.0000, 0.0000,
0.0000

45.5888, 0.3012,
0.3022

45.5888, 0.3012,
0.3022

36.6755, 0.2886,
0.2742

55.8160, 0.3121,
0.3276

29.0166, 0.2744,
0.2439

67.4020, 0.3215,
0.3502

22.5563, 0.2586,
0.2120

80.3966, 0.3294,
0.3703

17.2325, 0.2416,
0.1796

94.0684, 0.3364,
0.3869

12.9773, 0.2241,
0.1483

96.6438, 0.3458,
0.3851

■ 9.7155, 0.2070,
0.1201

■ 96.8572, 0.3466,
0.3850

■ 7.3615, 0.1912,
0.0969

■ 5.8146, 0.1779,
0.0801

■ 4.9236, 0.1678,
0.0698

Harmonies

Analogous

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



45.5888, 0.2882, 0.3023



45.5888, 0.3012, 0.3022



45.5888, 0.3176, 0.3088

Triad

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



45.5888, 0.3012, 0.3022



45.5888, 0.3447, 0.3476



45.5888, 0.2925, 0.3374

Complementary

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



45.5888, 0.3012, 0.3022



54.7749, 0.3235, 0.3552

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.



45.5888, 0.3072, 0.3505



45.5888, 0.3012, 0.3022



45.5888, 0.3375, 0.3561

Square

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



45.5888, 0.3012, 0.3022



45.5888, 0.3431, 0.3345



45.5888, 0.3237, 0.3574



45.5888, 0.2833, 0.3222

Rectangle

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



45.5888, 0.3012, 0.3022



45.5888, 0.3283, 0.3162



45.5888, 0.3237, 0.3574



45.5888, 0.2970, 0.3423

Sweetspot

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



45.5907, 0.3012, 0.3022



94.1915, 0.3096, 0.3216



51.1488, 0.2965, 0.3214



19.8366, 0.3087, 0.3196



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.



45.5907, 0.3012, 0.3022



76.4149, 0.2981, 0.2952



46.9241, 0.3100, 0.3029



10.4308, 0.3026, 0.3054



3.2398, 0.1690, 0.0705



0.1909, 0.1924, 0.0834

Inverse Universe

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



47.2633, 0.3188, 0.3104



80.0516, 0.3204, 0.3057



53.4545, 0.3150, 0.3559



10.7633, 0.3180, 0.3126



9.0892, 0.4076, 0.2019



0.4424, 0.3855, 0.1897

Previews

White Background



This preview shows how the Yxy color 45.5888, 0.3012, 0.3022 looks on a white background.

Color Contrast Check

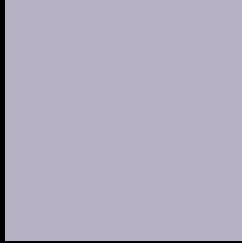
Large Text (above 18pt) WCAG AA × Fail

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 45.5888, 0.3012, 0.3022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

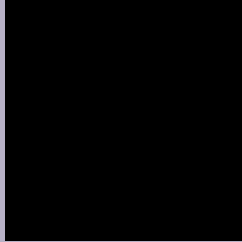
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

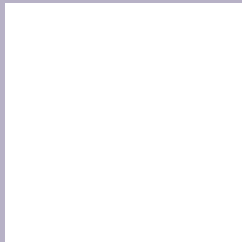
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.5888, 0.3012, 0.3022

Background



This preview shows how black text looks on a background with the Yxy color 45.5888, 0.3012, 0.3022.



This preview shows how white text looks on a background with the Yxy color 45.5888, 0.3012, 0.3022.

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

45.5888, 0.3012, 0.3022

Protanopia

45.7108, 0.2955, 0.3032

Deuteranopia

45.5560, 0.3063, 0.3000



Tritanopia

45.5916, 0.3050, 0.3109

Trichromacy



Original Color

45.5888, 0.3012, 0.3022

Protanomaly

45.5480, 0.2972, 0.3020

Deuteranomaly

45.6927, 0.3046, 0.3012

Tritanomaly

45.6809, 0.3035, 0.3084

Monochromacy



Original Color

45.5888, 0.3012, 0.3022

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.1755, 0.3089, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5888, 0.3012, 0.3022 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(183, 177, 198)` looks like.

```
.text, #text, p{  
    color:rgb(183, 177, 198)  
}
```

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(183, 177, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 177, 198) }
```

Border

The CSS property to change the border of an element to Yxy 45.5888, 0.3012, 0.3022 is called "border". The border property can be set on classes, ids or directly on the HTML element.

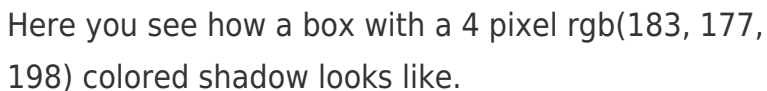
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 177, 198) }
```

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

```
.border{ border-color:rgb(183, 177, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 177, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 177, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 177, 198); box-shadow:4px 4px 4px 4px rgb(183, 177, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5888, 0.3012, 0.3022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 177, 198) }
```

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

```
.background{ background-color: rgb(183,  
177, 198) }
```

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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