

Converting Colors

$Y_{xy}(45.4258, 0.3072, 0.3075)$

Have a look what the booklet for
Yxy(45.4258, 0.3072, 0.3075)
contains.

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Color

Yxy(45.3400, 0.3077, 0.3073)

Conversions

Conversions Part 1

Format	Color
Hex	BAB0C1
RGB	186, 176, 193
RGB Percent	73%, 69%, 76%
CMY	0.2706, 0.3098, 0.2432
CMYK	0.04, 0.09, 0.00, 0.24
HSL	275°, 12%, 72%
HSV	275°, 9%, 76%
XYZ	45.3990, 45.3400, 56.8041
YIQ	180.9280, 0.5030, 7.4070

Conversions

Conversions Part 2

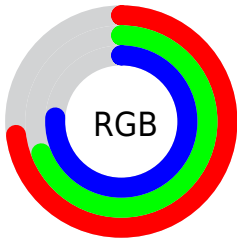
Format	Color
R _Y B	186, 176, 193
Decimal	12234945
CIE Lab	73.12, 6.73, -7.36
CIE LCh	73, 9.970, 312.447
Yxy	45.3400, 0.3077, 0.3073
Android (android.graphics.Color)	4290425025 (0xFFBAB0C1)
YUV	180.9280, 5.9515, 4.4481
Hunter-Lab	67.3350, 2.5132, -2.8828

Details

The Yxy color `45.3400, 0.3077, 0.3073` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `51.3373, 0.3174, 0.3509`, and the grayscale version is `46.1351, 0.3127, 0.3290`.

A 20% lighter version of the original color is `83.4300, 0.3088, 0.3120`, and `21.2953, 0.3058, 0.3012` is the 20% darker color. If you saturate the color by 10%, you get `37.3362, 0.3010, 0.2810`, and if you desaturate by 10%, it is `54.4790, 0.3133, 0.3318`.

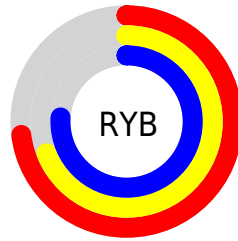
Distribution



Red (73%)

Green (69%)

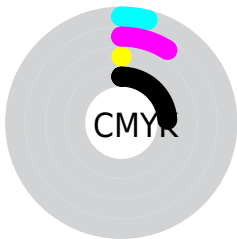
Blue (76%)



Red (73%)

Yellow (69%)

Blue (76%)

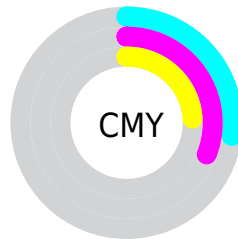


Cyan (4%)

Magenta (9%)

Yellow (0%)

Black (24%)



Cyan (27%)


Magenta (31%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.3400, 0.3077, 0.3073 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 45.3400, 0.3077, 0.3073 by changing the saturation by 10% instead.


 45.3400, 0.3077,
0.3073

 45.3400, 0.3077,
0.3073


368.1488, 0.3103,
0.3181

 31.7253, 0.3070,
0.3046


 83.2304, 0.3087,
0.3112

 21.1518, 0.3062,
0.3012


108.2749, 0.3090,
0.3127

 13.2350, 0.3050,
0.2968


137.8981, 0.3093,
0.3139

 7.5906, 0.3033,
0.2905

172.4844, 0.3096,
0.3150

 3.8341, 0.3007,
0.2813

212.4183, 0.3098,
0.3159

 1.5812, 0.2962,
0.2665

258.0840, 0.3100,

 0.3449, 0.2850,

0.3167

0.1997

309.8661, 0.3101,
0.3174

0.0000, 0.0000,
0.0000

45.3400, 0.3077,
0.3073

45.3400, 0.3077,
0.3073

37.3362, 0.3010,
0.2810

54.4790, 0.3133,
0.3318

30.4156, 0.2933,
0.2532

64.7906, 0.3181,
0.3544

24.5309, 0.2845,
0.2248

76.3178, 0.3220,
0.3749

19.6290, 0.2748,
0.1966

89.0997, 0.3252,
0.3933

15.6518, 0.2642,
0.1698

91.4940, 0.3301,
0.3940

■ 12.5350, 0.2532,
0.1457

■ 92.8063, 0.3353,
0.3929

■ 10.2058, 0.2422,
0.1256

■ 94.1789, 0.3406,
0.3918

■ 8.5785, 0.2315,
0.1104

■ 95.6126, 0.3459,
0.3907

■ 7.5105, 0.2215,
0.0999

■ 96.6298, 0.3496,
0.3900

Harmonies

Analogous

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



45.3400, 0.2951, 0.3053



45.3400, 0.3077, 0.3073



45.3400, 0.3220, 0.3148

Triad

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



45.3400, 0.3077, 0.3073



45.3400, 0.3388, 0.3482



45.3400, 0.2919, 0.3317

Complementary

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



45.3400, 0.3077, 0.3073



51.3373, 0.3174, 0.3509

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.



45.3400, 0.3032, 0.3439



45.3400, 0.3077, 0.3073



45.3400, 0.3303, 0.3534

Square

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



45.3400, 0.3077, 0.3073



45.3400, 0.3401, 0.3381



45.3400, 0.3173, 0.3520



45.3400, 0.2861, 0.3190

Rectangle

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



45.3400, 0.3077, 0.3073



45.3400, 0.3304, 0.3219



45.3400, 0.3173, 0.3520



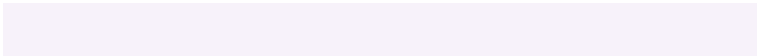
45.3400, 0.2951, 0.3360

Sweetspot

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



45.3419, 0.3077, 0.3073



90.3806, 0.3111, 0.3217



46.9819, 0.2993, 0.3161



19.1038, 0.3106, 0.3197



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.3419, 0.3077, 0.3073



77.6352, 0.3062, 0.3012



46.1763, 0.3149, 0.3095



10.0341, 0.3073, 0.3058



4.9677, 0.2215, 0.0994



0.2542, 0.2436, 0.1115

Inverse Universe

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



45.8082, 0.3219, 0.3201



78.6916, 0.3247, 0.3177



50.5575, 0.3106, 0.3494



10.1451, 0.3226, 0.3196



7.9357, 0.5305, 0.2696



0.3566, 0.4726, 0.2377

Previews

White Background



This preview shows how the Yxy color 45.3400, 0.3077, 0.3073 looks on a white background.

Color Contrast Check

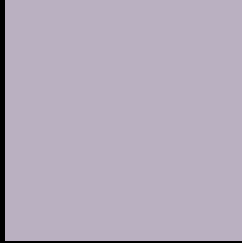
Large Text (above 18pt) WCAG AA × Fail

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 45.3400, 0.3077, 0.3073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

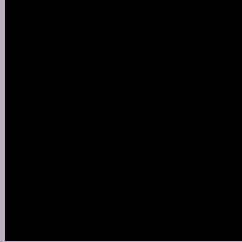
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.3400, 0.3077, 0.3073

Background



This preview shows how black text looks on a background with the Yxy color 45.3400, 0.3077, 0.3073.



This preview shows how white text looks on a background with the Yxy color 45.3400, 0.3077, 0.3073.

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

45.3400, 0.3077, 0.3073

Protanopia

45.2008, 0.3001, 0.3082

Deuteranopia

45.1987, 0.3121, 0.3050



Tritanopia

45.2075, 0.3101, 0.3110

Trichromacy



Original Color

45.3400, 0.3077, 0.3073

Protanomaly

45.1631, 0.3026, 0.3070

Deuteranomaly

45.3290, 0.3103, 0.3062

Tritanomaly

45.2514, 0.3093, 0.3098

Monochromacy



Original Color

45.3400, 0.3077, 0.3073

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.8103, 0.3114, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3400, 0.3077, 0.3073 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(186, 176, 193)` looks like.

```
.text, #text, p{  
    color:rgb(186, 176, 193)  
}
```

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(186, 176, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 176, 193) }
```

Border

The CSS property to change the border of an element to Yxy 45.3400, 0.3077, 0.3073 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(186, 176, 193) }
```

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

```
.border{ border-color:rgb(186, 176, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 176, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 176, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 176, 193);  
box-shadow:4px 4px 4px 4px rgb(186, 176,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3400, 0.3077, 0.3073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 176, 193) }
```

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

```
.background{ background-color: rgb(186,  
176, 193) }
```

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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