

Converting Colors

$Yxy(45.1854, 0.3095, 0.3034)$

Have a look what the booklet for
Yxy(45.1854, 0.3095, 0.3034)
contains.

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Color

Yxy(45.0311, 0.3087, 0.3024)

Conversions

Conversions Part 1

Format	Color
Hex	BDAEC3
RGB	189, 174, 195
RGB Percent	74%, 68%, 76%
CMY	0.2589, 0.3176, 0.2352
CMYK	0.03, 0.11, 0.00, 0.24
HSL	283°, 15%, 72%
HSV	283°, 11%, 76%
XYZ	45.9692, 45.0311, 57.9120
YIQ	180.8790, 2.1990, 9.7110

Conversions

Conversions Part 2

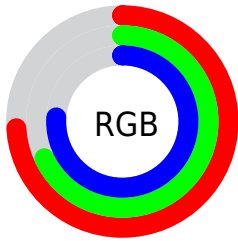
Format	Color
R _Y B	189, 174, 195
Decimal	12431043
CIE Lab	72.91, 9.23, -8.75
CIE LCh	73, 12.718, 316.549
Yxy	45.0311, 0.3087, 0.3024
Android (android.graphics.Color)	4290621123 (0xFFBDAEC3)
YUV	180.8790, 6.9617, 7.1221
Hunter-Lab	67.1052, 4.8442, -4.1938

Details

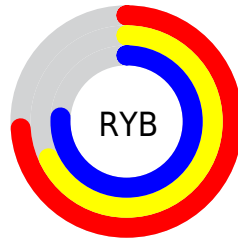
The Yxy color $45.0311, 0.3087, 0.3024$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $51.8081, 0.3163, 0.3562$, and the grayscale version is $46.1003, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.4794, 0.3091, 0.3062$, and $21.0764, 0.3083, 0.2964$ is the 20% darker color. If you saturate the color by 10%, you get $37.3318, 0.3042, 0.2763$, and if you desaturate by 10%, it is $53.8562, 0.3125, 0.3272$.

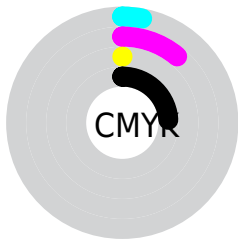
Distribution



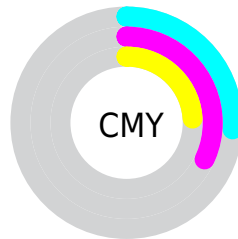
- Red (74%)
- Green (68%)
- Blue (76%)



- Red (74%)
- Yellow (68%)
- Blue (76%)



- Cyan (3%)
- Magenta (11%)
- Yellow (0%)
- Black (24%)



- Cyan (26%)
- Magenta (32%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.0311, 0.3087, 0.3024 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 45.0311, 0.3087, 0.3024 by changing the saturation by 10% instead.

■ 45.0311, 0.3087,
0.3024

■ 45.0311, 0.3087,
0.3024

366.8995, 0.3108,
0.3155

■ 31.4819, 0.3081,
0.2992

■ 82.7671, 0.3095,
0.3071

■ 20.9661, 0.3074,
0.2950

107.7227, 0.3098,
0.3089

■ 13.0992, 0.3064,
0.2896

137.2492, 0.3100,
0.3104

■ 7.4969, 0.3049,
0.2821

171.7310, 0.3102,
0.3118

■ 3.7748, 0.3026,
0.2711

211.5526, 0.3104,
0.3129

■ 1.5484, 0.2985,
0.2534

257.0983, 0.3106,

■ 0.3224, 0.2927,

0.3139

0.1775

308.7524, 0.3107,
0.3148

■ 0.0000, 0.0000,
0.0000

■ 45.0311, 0.3087,
0.3024

■ 45.0311, 0.3087,
0.3024

■ 37.3318, 0.3042,
0.2763

■ 53.8562, 0.3125,
0.3272

■ 30.7051, 0.2990,
0.2493

■ 63.8456, 0.3155,
0.3502

■ 25.1025, 0.2929,
0.2223

■ 75.0433, 0.3180,
0.3714

■ 20.4690, 0.2862,
0.1961

■ 87.4891, 0.3200,
0.3907

■ 16.7446, 0.2789,
0.1720

■ 90.2215, 0.3234,
0.3929

13.8626, 0.2712,
0.1511

91.0973, 0.3270,
0.3922

11.7466, 0.2634,
0.1343

92.0026, 0.3306,
0.3915

10.3062, 0.2557,
0.1221

92.9379, 0.3343,
0.3908

9.4177, 0.2489,
0.1145

93.9032, 0.3380,
0.3900

Harmonies

Analogous

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



45.0311, 0.2921, 0.2987



45.0311, 0.3087, 0.3024



45.0311, 0.3269, 0.3126

Triad

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



45.0311, 0.3087, 0.3024



45.0311, 0.3451, 0.3548



45.0311, 0.2846, 0.3300

Complementary

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



45.0311, 0.3087, 0.3024



51.8081, 0.3163, 0.3562

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.



45.0311, 0.2982, 0.3462



45.0311, 0.3087, 0.3024



45.0311, 0.3331, 0.3606

Square

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



45.0311, 0.3087, 0.3024



45.0311, 0.3482, 0.3424



45.0311, 0.3159, 0.3576



45.0311, 0.2785, 0.3140

Rectangle

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



45.0311, 0.3087, 0.3024



45.0311, 0.3373, 0.3220



45.0311, 0.3159, 0.3576



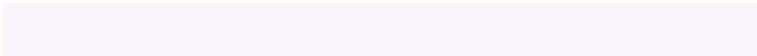
45.0311, 0.2885, 0.3356

Sweetspot

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



45.0330, 0.3087, 0.3024



92.6606, 0.3117, 0.3217



45.7111, 0.2961, 0.3098



20.0009, 0.3114, 0.3197



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.



45.0330, 0.3087, 0.3024



77.1043, 0.3077, 0.2962



45.6356, 0.3174, 0.3080



10.0971, 0.3093, 0.3060



6.1639, 0.2499, 0.1150



0.3000, 0.2663, 0.1241

Inverse Universe

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



45.1797, 0.3264, 0.3214



77.4346, 0.3300, 0.3196



51.2637, 0.3084, 0.3510



10.1245, 0.3245, 0.3224



7.7401, 0.5779, 0.2957



0.3467, 0.5122, 0.2595

Previews

White Background



This preview shows how the Yxy color 45.0311, 0.3087, 0.3024 looks on a white background.

Color Contrast Check

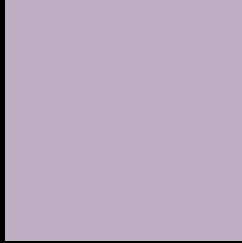
Large Text (above 18pt) WCAG AA × Fail

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 45.0311, 0.3087, 0.3024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

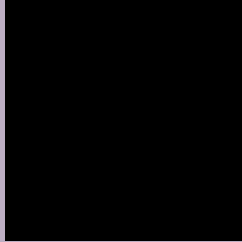
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.0311, 0.3087, 0.3024

Background



This preview shows how black text looks on a background with the Yxy color 45.0311, 0.3087, 0.3024.



This preview shows how white text looks on a background with the Yxy color 45.0311, 0.3087, 0.3024.

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

45.0311, 0.3087, 0.3024

Protanopia

45.2191, 0.2970, 0.3044

Deuteranopia

45.0311, 0.3087, 0.3024



Tritanopia

45.0254, 0.3127, 0.3111

Trichromacy



Original Color

45.0311, 0.3087, 0.3024

Protanomaly

45.2536, 0.3011, 0.3045

Deuteranomaly

45.0311, 0.3087, 0.3024

Tritanomaly

45.1129, 0.3111, 0.3086

Monochromacy



Original Color

45.0311, 0.3087, 0.3024

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.5763, 0.3115, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0311, 0.3087, 0.3024 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(189, 174, 195)` looks like.

```
.text, #text, p{  
    color:rgb(189, 174, 195)  
}
```

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(189, 174, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 174, 195) }
```

Border

The CSS property to change the border of an element to Yxy 45.0311, 0.3087, 0.3024 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(189, 174, 195) }
```

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

```
.border{ border-color:rgb(189, 174, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 174, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 174, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 174, 195);  
box-shadow:4px 4px 4px 4px rgb(189, 174,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0311, 0.3087, 0.3024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 174, 195) }
```

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

```
.background{ background-color: rgb(189,  
174, 195) }
```

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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