

Converting Colors

$Yxy(45.0635, 0.3074, 0.3134)$

Have a look what the booklet for
Yxy(45.0635, 0.3074, 0.3134)
contains.

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Color

Yxy(45.0635, 0.3074, 0.3134)

Conversions

Conversions Part 1

Format	Color
Hex	B6B1BD
RGB	182, 177, 189
RGB Percent	71%, 69%, 74%
CMY	0.2863, 0.3059, 0.2587
CMYK	0.04, 0.06, 0.00, 0.26
HSL	265°, 8%, 72%
HSV	265°, 6%, 74%
XYZ	44.2008, 45.0635, 54.5248
YIQ	179.8630, -0.8720, 4.7920

Conversions

Conversions Part 2

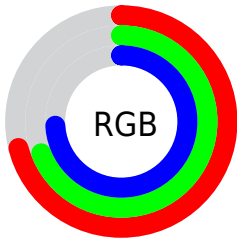
Format	Color
R _Y B	182, 177, 189
Decimal	11973053
CIE Lab	72.93, 4.04, -5.49
CIE LCh	73, 6.815, 306.377
Yxy	45.0635, 0.3074, 0.3134
Android (android.graphics.Color)	4290163133 (0xFFB6B1BD)
YUV	179.8630, 4.5045, 1.8741
Hunter-Lab	67.1294, 0.0555, -1.1669

Details

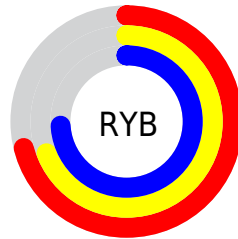
The Yxy color `45.0635, 0.3074, 0.3134` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `49.7725, 0.3178, 0.3445`, and the grayscale version is `45.5419, 0.3127, 0.3290`.

A 20% lighter version of the original color is `83.0475, 0.3086, 0.3169`, and `20.8600, 0.3054, 0.3077` is the 20% darker color. If you saturate the color by 10%, you get `36.8164, 0.2979, 0.2870`, and if you desaturate by 10%, it is `54.4547, 0.3155, 0.3375`.

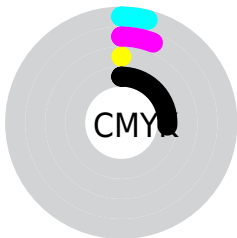
Distribution



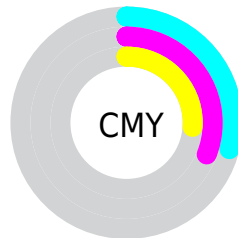
- Red (71%)
- Green (69%)
- Blue (74%)



- Red (71%)
- Yellow (69%)
- Blue (74%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (26%)



- Cyan (29%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.0635, 0.3074, 0.3134 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 45.0635, 0.3074, 0.3134 by changing the saturation by 10% instead.

■ 45.0635, 0.3074,
0.3134

■ 45.0635, 0.3074,
0.3134

367.0307, 0.3101,
0.3212

■ 31.5074, 0.3067,
0.3115

■ 82.8157, 0.3084,
0.3162

■ 20.9856, 0.3058,
0.3090

107.7806, 0.3088,
0.3173

■ 13.1134, 0.3046,
0.3057

137.3173, 0.3091,
0.3182

■ 7.5067, 0.3029,
0.3011

171.8101, 0.3093,
0.3190

■ 3.7810, 0.3003,
0.2942

211.6435, 0.3096,
0.3196

■ 1.5518, 0.2959,
0.2829

257.2017, 0.3098,

■ 0.3248, 0.2772,

0.3202

0.2210

308.8693, 0.3099,
0.3207

0.0000, 0.0000,
0.0000

45.0635, 0.3074,
0.3134

45.0635, 0.3074,
0.3134

36.8164, 0.2979,
0.2870

54.4547, 0.3155,
0.3375

29.6630, 0.2870,
0.2585

65.0265, 0.3224,
0.3592

23.5575, 0.2747,
0.2285

76.8207, 0.3282,
0.3786

18.4486, 0.2610,
0.1979

89.8754, 0.3331,
0.3959

14.2806, 0.2465,
0.1679

93.2347, 0.3400,
0.3965

■ 10.9922, 0.2315,
0.1401

■ 95.1962, 0.3474,
0.3949

■ 8.5143, 0.2168,
0.1160

■ 96.4551, 0.3520,
0.3939

■ 6.7671, 0.2030,
0.0972

■ 5.6471, 0.1910,
0.0843

Harmonies

Analogous

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



45.0635, 0.2992, 0.3129



45.0635, 0.3074, 0.3134



45.0635, 0.3172, 0.3179

Triad

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



45.0635, 0.3074, 0.3134



45.0635, 0.3311, 0.3411



45.0635, 0.2997, 0.3327

Complementary

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



45.0635, 0.3074, 0.3134



49.7725, 0.3178, 0.3445

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.



45.0635, 0.3081, 0.3405



45.0635, 0.3074, 0.3134



45.0635, 0.3263, 0.3453

Square

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



45.0635, 0.3074, 0.3134



45.0635, 0.3310, 0.3337



45.0635, 0.3178, 0.3452



45.0635, 0.2948, 0.3239

Rectangle

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



45.0635, 0.3074, 0.3134



45.0635, 0.3232, 0.3226



45.0635, 0.3178, 0.3452



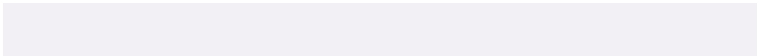
45.0635, 0.3022, 0.3355

Sweetspot

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



45.0654, 0.3074, 0.3134



87.7107, 0.3111, 0.3241



47.3926, 0.3030, 0.3227



18.8993, 0.3112, 0.3244



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



45.0654, 0.3074, 0.3134



77.9322, 0.3058, 0.3089



45.7887, 0.3124, 0.3137



9.4140, 0.3047, 0.3057



3.6219, 0.1882, 0.0811



0.1803, 0.2165, 0.0966

Inverse Universe

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



45.7284, 0.3175, 0.3200



79.4381, 0.3189, 0.3175



49.0685, 0.3130, 0.3447



9.6273, 0.3200, 0.3157



8.0580, 0.4586, 0.2300



0.3284, 0.4172, 0.2072

Previews

White Background



This preview shows how the Yxy color 45.0635, 0.3074, 0.3134 looks on a white background.

Color Contrast Check

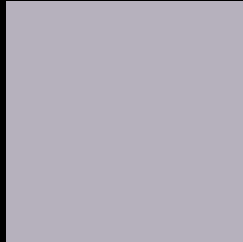
Large Text (above 18pt) WCAG AA × Fail

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 45.0635, 0.3074, 0.3134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

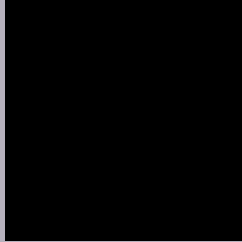
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.0635, 0.3074, 0.3134

Background



This preview shows how black text looks on a background with the Yxy color 45.0635, 0.3074, 0.3134.

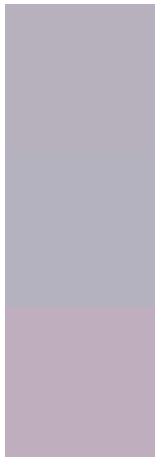


This preview shows how white text looks on a background with the Yxy color 45.0635, 0.3074, 0.3134.

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

45.0635, 0.3074, 0.3134

Protanopia

45.1422, 0.3041, 0.3133

Deuteranopia

45.0662, 0.3145, 0.3087



Tritanopia

45.1510, 0.3058, 0.3109

Trichromacy



Original Color

45.0635, 0.3074, 0.3134

Protanomaly

45.2618, 0.3049, 0.3134

Deuteranomaly

45.0690, 0.3119, 0.3098

Tritanomaly

45.1071, 0.3066, 0.3122

Monochromacy



Original Color

45.0635, 0.3074, 0.3134

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.4829, 0.3112, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0635, 0.3074, 0.3134 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(182, 177, 189)` looks like.

```
.text, #text, p{  
    color:rgb(182, 177, 189)  
}
```

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(182, 177, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 177, 189) }
```

Border

The CSS property to change the border of an element to Yxy 45.0635, 0.3074, 0.3134 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(182, 177, 189) }
```

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

```
.border{ border-color:rgb(182, 177, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 177, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 177, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 177, 189);  
box-shadow:4px 4px 4px 4px rgb(182, 177,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0635, 0.3074, 0.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 177, 189) }
```

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

```
.background{ background-color: rgb(182,  
177, 189) }
```

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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