

Converting Colors

$Yxy(45.2254, 0.2962, 0.3028)$

Have a look what the booklet for
Yxy(45.2254, 0.2962, 0.3028)
contains.

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Color

Yxy(45.2651, 0.2963, 0.3031)

Conversions

Conversions Part 1

Format	Color
Hex	B1B2C6
RGB	177, 178, 198
RGB Percent	69%, 70%, 78%
CMY	0.3057, 0.3020, 0.2236
CMYK	0.11, 0.10, 0.00, 0.22
HSL	237°, 16%, 74%
HSV	237°, 11%, 78%
XYZ	44.2496, 45.2651, 59.8258
YIQ	179.9810, -7.0160, 6.0080

Conversions

Conversions Part 2

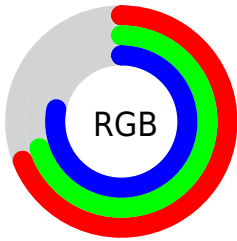
Format	Color
R _Y B	177, 178, 198
Decimal	11645638
CIE Lab	73.07, 3.61, -10.25
CIE LCh	73, 10.866, 289.426
Yxy	45.2651, 0.2963, 0.3031
Android (android.graphics.Color)	4289835718 (0xFFB1B2C6)
YUV	179.9810, 8.8834, -2.6143
Hunter-Lab	67.2793, -0.3395, -5.6260

Details

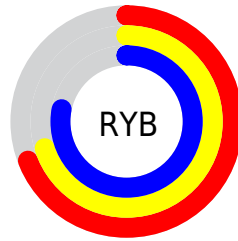
The Yxy color $45.2651, 0.2963, 0.3031$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $55.1272, 0.3285, 0.3536$, and the grayscale version is $45.5885, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.3893, 0.2993, 0.3078$, and $20.9659, 0.2913, 0.2953$ is the 20% darker color. If you saturate the color by 10%, you get $36.1008, 0.2788, 0.2753$, and if you desaturate by 10%, it is $55.8057, 0.3119, 0.3277$.

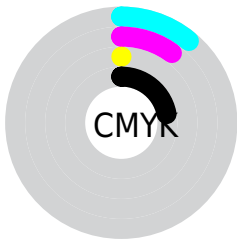
Distribution



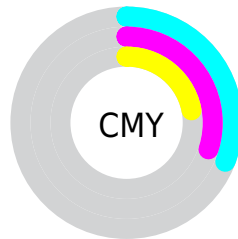
- Red (69%)
- Green (70%)
- Blue (78%)



- Red (69%)
- Yellow (70%)
- Blue (78%)



- Cyan (11%)
- Magenta (10%)
- Yellow (0%)
- Black (22%)



- Cyan (31%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.2651, 0.2963, 0.3031 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 45.2651, 0.2963, 0.3031 by changing the saturation by 10% instead.

■ 45.2651, 0.2963,
0.3031

■ 45.2651, 0.2963,
0.3031

367.8462, 0.3046,
0.3160

■ 31.6663, 0.2942,
0.2999

■ 83.1181, 0.2993,
0.3078

■ 21.1067, 0.2915,
0.2958

108.1410, 0.3004,
0.3095

■ 13.2020, 0.2880,
0.2904

137.7408, 0.3014,
0.3110

■ 7.5678, 0.2829,
0.2829

172.3019, 0.3022,
0.3123

■ 3.8197, 0.2754,
0.2719

212.2085, 0.3029,
0.3134

■ 1.5732, 0.2629,
0.2540

257.8452, 0.3035,

■ 0.3394, 0.2231,

0.3144

0.1843

309.5963, 0.3041,
0.3152

0.0000, 0.0000,
0.0000

45.2651, 0.2963,
0.3031

45.2651, 0.2963,
0.3031

36.1008, 0.2788,
0.2753

55.8057, 0.3119,
0.3277

28.2507, 0.2596,
0.2445

67.7702, 0.3255,
0.3491

21.6563, 0.2390,
0.2114

81.2108, 0.3374,
0.3676

16.2523, 0.2180,
0.1771

95.9413, 0.3469,
0.3837

11.9677, 0.1977,
0.1437

96.8569, 0.3466,
0.3850

■ 8.7240, 0.1797,
0.1134

■ 6.4325, 0.1653,
0.0888

■ 4.9895, 0.1557,
0.0716

■ 4.2740, 0.1507,
0.0626

Harmonies

Analogous

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



45.2651, 0.2863, 0.3060



45.2651, 0.2963, 0.3031



45.2651, 0.3108, 0.3068

Triad

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



45.2651, 0.2963, 0.3031



45.2651, 0.3431, 0.3417



45.2651, 0.2991, 0.3424

Complementary

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



45.2651, 0.2963, 0.3031



55.1272, 0.3285, 0.3536

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.



45.2651, 0.3140, 0.3526



45.2651, 0.2963, 0.3031



45.2651, 0.3396, 0.3518

Square

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



45.2651, 0.2963, 0.3031



45.2651, 0.3381, 0.3287



45.2651, 0.3289, 0.3560



45.2651, 0.2879, 0.3285

Rectangle

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



45.2651, 0.2963, 0.3031



45.2651, 0.3213, 0.3125



45.2651, 0.3289, 0.3560



45.2651, 0.3038, 0.3464

Sweetspot

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



45.2670, 0.2963, 0.3031



94.0089, 0.3082, 0.3219



53.7646, 0.2973, 0.3303



19.7875, 0.3070, 0.3200



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.



45.2670, 0.2963, 0.3031



75.6996, 0.2919, 0.2962



46.0321, 0.3041, 0.3025



10.3642, 0.2983, 0.3062



2.8140, 0.1509, 0.0633



0.1611, 0.1541, 0.0749

Inverse Universe

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



46.6767, 0.3305, 0.3278



78.7706, 0.3355, 0.3275



54.3233, 0.3206, 0.3554



10.6447, 0.3282, 0.3280



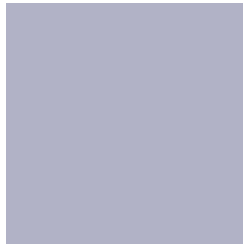
7.8241, 0.6345, 0.3269



0.3733, 0.6152, 0.3163

Previews

White Background



This preview shows how the Yxy color 45.2651, 0.2963, 0.3031 looks on a white background.

Color Contrast Check

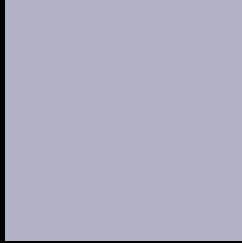
Large Text (above 18pt) WCAG AA × Fail

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 45.2651, 0.2963, 0.3031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

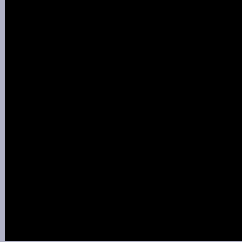
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.2651, 0.2963, 0.3031

Background



This preview shows how black text looks on a background with the Yxy color 45.2651, 0.2963, 0.3031.



This preview shows how white text looks on a background with the Yxy color 45.2651, 0.2963, 0.3031.

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

45.2651, 0.2963, 0.3031

Protanopia

45.2651, 0.2963, 0.3031

Deuteranopia

45.0870, 0.3047, 0.2975



Tritanopia

45.3206, 0.2992, 0.3107

Trichromacy



Original Color

45.2651, 0.2963, 0.3031

Protanomaly

45.2651, 0.2963, 0.3031

Deuteranomaly

44.9738, 0.3013, 0.2984

Tritanomaly

45.4104, 0.2977, 0.3081

Monochromacy



Original Color

45.2651, 0.2963, 0.3031

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.4118, 0.3064, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2651, 0.2963, 0.3031 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(177, 178, 198)` looks like.

```
.text, #text, p{  
    color:rgb(177, 178, 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(177, 178, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 178, 198) }
```

Border

The CSS property to change the border of an element to Yxy 45.2651, 0.2963, 0.3031 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(177, 178, 198) }
```

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

```
.border{ border-color:rgb(177, 178, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 178, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 178, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 178, 198);  
box-shadow:4px 4px 4px 4px rgb(177, 178,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2651, 0.2963, 0.3031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 178, 198) }
```

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

```
.background{ background-color: rgb(177,  
178, 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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