

Converting Colors

$Y_{xy}(45.1149, 0.3014, 0.3131)$

Have a look what the booklet for
Yxy(45.1149, 0.3014, 0.3131)
contains.

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Color

Yxy(45.2319, 0.3008, 0.3133)

Conversions

Conversions Part 1

Format	Color
Hex	B0B3BF
RGB	176, 179, 191
RGB Percent	69%, 70%, 75%
CMY	0.3098, 0.2980, 0.2511
CMYK	0.08, 0.06, 0.00, 0.25
HSL	228°, 10%, 72%
HSV	228°, 8%, 75%
XYZ	43.4272, 45.2319, 55.7133
YIQ	179.4710, -5.6400, 3.0960

Conversions

Conversions Part 2

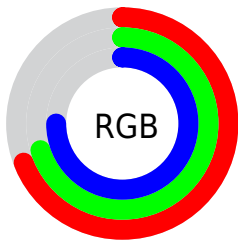
Format	Color
R_{YB}	176, 179, 191
Decimal	11580351
CIE Lab	73.04, 1.29, -6.44
CIE LCh	73, 6.570, 281.342
Yxy	45.2319, 0.3008, 0.3133
Android (android.graphics.Color)	4289770431 (0xFFB0B3BF)
YUV	179.4710, 5.6838, -3.0441
Hunter-Lab	67.2547, -2.4358, -2.0372

Details

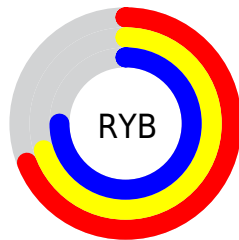
The Yxy color $45.2319, 0.3008, 0.3133$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $50.1628, 0.3245, 0.3442$, and the grayscale version is $45.3159, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.2879, 0.3034, 0.3168$, and $20.9676, 0.2964, 0.3074$ is the 20% darker color. If you saturate the color by 10%, you get $37.3745, 0.2843, 0.2910$, and if you desaturate by 10%, it is $54.0845, 0.3158, 0.3331$.

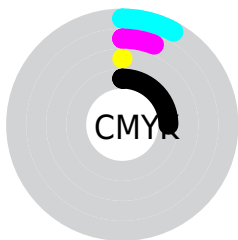
Distribution



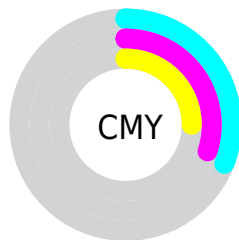
- Red (69%)
- Green (70%)
- Blue (75%)



- Red (69%)
- Yellow (70%)
- Blue (75%)



- Cyan (8%)
- Magenta (6%)
- Yellow (0%)
- Black (25%)



- Cyan (31%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.2319, 0.3008, 0.3133 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 45.2319, 0.3008, 0.3133 by changing the saturation by 10% instead.

■ 45.2319, 0.3008,
0.3133

■ 45.2319, 0.3008,
0.3133

367.7119, 0.3068,
0.3212

■ 31.6401, 0.2993,
0.3113

■ 83.0683, 0.3030,
0.3162

■ 21.0868, 0.2974,
0.3088

108.0817, 0.3038,
0.3172

■ 13.1874, 0.2948,
0.3054

137.6711, 0.3045,
0.3181

■ 7.5577, 0.2911,
0.3007

172.2209, 0.3051,
0.3189

■ 3.8133, 0.2856,
0.2937

212.1155, 0.3056,
0.3196

■ 1.5697, 0.2765,
0.2820

257.7393, 0.3060,

■ 0.3370, 0.2336,

0.3202

0.2238

309.4766, 0.3064,
0.3207

0.0000, 0.0000,
0.0000

45.2319, 0.3008,
0.3133

45.2319, 0.3008,
0.3133

37.3745, 0.2843,
0.2910

54.0845, 0.3158,
0.3331

30.4715, 0.2664,
0.2661

63.9598, 0.3294,
0.3504

24.4877, 0.2476,
0.2388

74.8914, 0.3415,
0.3655

19.3837, 0.2282,
0.2099

86.9095, 0.3523,
0.3786

15.1169, 0.2093,
0.1801

96.5402, 0.3508,
0.3920

■ 11.6411, 0.1916,
0.1509

■ 8.9056, 0.1765,
0.1238

■ 6.8531, 0.1647,
0.1007

■ 5.4104, 0.1568,
0.0827

Harmonies

Analogous

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



45.2319, 0.2957, 0.3163



45.2319, 0.3008, 0.3133



45.2319, 0.3091, 0.3144

Triad

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



45.2319, 0.3008, 0.3133



45.2319, 0.3307, 0.3348



45.2319, 0.3068, 0.3390

Complementary

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



45.2319, 0.3008, 0.3133



50.1628, 0.3245, 0.3442

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.



45.2319, 0.3161, 0.3441



45.2319, 0.3008, 0.3133



45.2319, 0.3300, 0.3415

Square

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



45.2319, 0.3008, 0.3133



45.2319, 0.3264, 0.3267



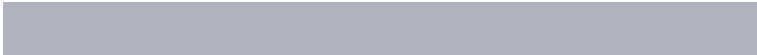
45.2319, 0.3246, 0.3450



45.2319, 0.2991, 0.3311

Rectangle

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



45.2319, 0.3008, 0.3133



45.2319, 0.3154, 0.3173



45.2319, 0.3246, 0.3450



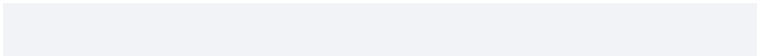
45.2319, 0.3098, 0.3411

Sweetspot

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



45.2338, 0.3008, 0.3133



90.0225, 0.3097, 0.3251



50.0985, 0.3031, 0.3332



19.8038, 0.3099, 0.3253



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.



45.2338, 0.3008, 0.3133



79.0995, 0.2987, 0.3105



44.5482, 0.3044, 0.3095



9.5264, 0.2984, 0.3101



3.4863, 0.1559, 0.0813



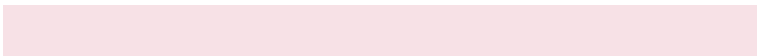
0.2298, 0.1681, 0.1252

Inverse Universe

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



45.3820, 0.3235, 0.3252



79.4238, 0.3255, 0.3245



50.9139, 0.3206, 0.3482



9.5668, 0.3258, 0.3244



7.3816, 0.6049, 0.3106



0.2986, 0.5393, 0.2745

Previews

White Background



This preview shows how the Yxy color 45.2319, 0.3008, 0.3133 looks on a white background.

Color Contrast Check

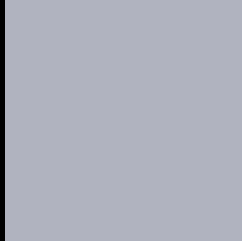
Large Text (above 18pt) WCAG AA × Fail

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 45.2319, 0.3008, 0.3133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

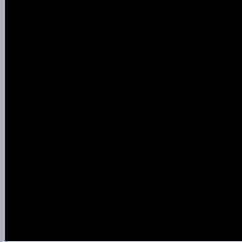
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

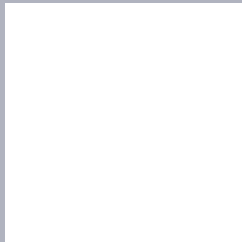
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.2319, 0.3008, 0.3133

Background



This preview shows how black text looks on a background with the Yxy color 45.2319, 0.3008, 0.3133.

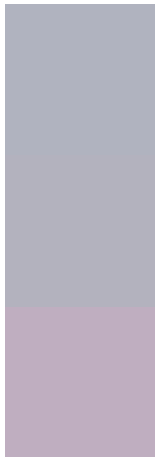


This preview shows how white text looks on a background with the Yxy color 45.2319, 0.3008, 0.3133.

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

45.2319, 0.3008, 0.3133

Protanopia

45.1422, 0.3041, 0.3133

Deuteranopia

45.1542, 0.3129, 0.3062



Tritanopia

45.3206, 0.2992, 0.3107

Trichromacy



Original Color

45.2319, 0.3008, 0.3133

Protanomaly

45.0235, 0.3032, 0.3133

Deuteranomaly

45.2955, 0.3085, 0.3085

Tritanomaly

45.2761, 0.3000, 0.3120

Monochromacy



Original Color

45.2319, 0.3008, 0.3133

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.1241, 0.3087, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2319, 0.3008, 0.3133 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(176, 179, 191)` looks like.

```
.text, #text, p{  
    color:rgb(176, 179, 191)  
}
```

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(176, 179, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 179, 191) }
```

Border

The CSS property to change the border of an element to Yxy 45.2319, 0.3008, 0.3133 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(176, 179, 191) }
```

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

```
.border{ border-color:rgb(176, 179, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 179, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 179, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 179, 191);  
box-shadow:4px 4px 4px 4px rgb(176, 179,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2319, 0.3008, 0.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 179, 191) }
```

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

```
.background{ background-color: rgb(176,  
179, 191) }
```

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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