

Converting Colors

$Yxy(45.1867, 0.3075, 0.3317)$

Have a look what the booklet for
Yxy(45.1867, 0.3075, 0.3317)
contains.

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Color

Yxy(45.1867, 0.3075, 0.3317)

Conversions

Conversions Part 1

Format	Color
Hex	ADB5B3
RGB	173, 181, 179
RGB Percent	68%, 71%, 70%
CMY	0.3216, 0.2902, 0.2981
CMYK	0.04, 0.00, 0.01, 0.29
HSL	165°, 5%, 69%
HSV	165°, 4%, 71%
XYZ	41.8900, 45.1867, 49.1509
YIQ	178.3800, -4.1260, -2.3180

Conversions

Conversions Part 2

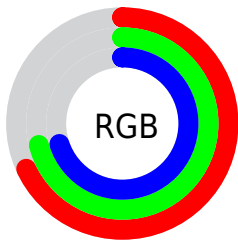
Format	Color
RYB	173, 178, 181
Decimal	11384243
CIELab	73.01, -3.18, 0.05
CIELCh	73, 3.179, 179.068
Yxy	45.1867, 0.3075, 0.3317
Android (android.graphics.Color)	4289574323 (0xFFADB5B3)
YUV	178.3800, 0.3057, -4.7183
Hunter-Lab	67.2211, -6.4014, 3.7029

Details

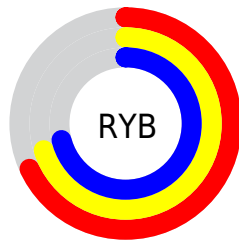
The Yxy color $45.1867, 0.3075, 0.3317$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $42.8026, 0.3182, 0.3263$, and the grayscale version is $44.7319, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.0605, 0.3080, 0.3311$, and $21.0096, 0.3067, 0.3327$ is the 20% darker color. If you saturate the color by 10%, you get $43.0810, 0.2960, 0.3383$, and if you desaturate by 10%, it is $47.5820, 0.3193, 0.3258$.

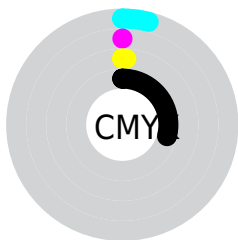
Distribution



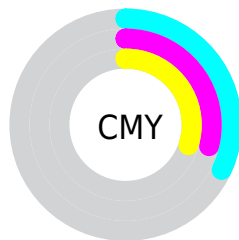
- Red (68%)
- Green (71%)
- Blue (70%)



- Red (68%)
- Yellow (70%)
- Blue (71%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (29%)



- Cyan (32%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.1867, 0.3075, 0.3317 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 45.1867, 0.3075, 0.3317 by changing the saturation by 10% instead.

■ 45.1867, 0.3075,
0.3317

■ 45.1867, 0.3075,
0.3317

367.5292, 0.3101,
0.3304

■ 31.6045, 0.3068,
0.3320

■ 83.0005, 0.3085,
0.3312

■ 21.0596, 0.3060,
0.3325

108.0009, 0.3088,
0.3310

■ 13.1676, 0.3048,
0.3331

137.5762, 0.3091,
0.3309

■ 7.5440, 0.3032,
0.3339

172.1107, 0.3094,
0.3307

■ 3.8046, 0.3008,
0.3351

211.9888, 0.3096,
0.3306

■ 1.5649, 0.2967,
0.3372

257.5951, 0.3098,

■ 0.3337, 0.2568,

0.3305

0.3577

309.3137, 0.3100,
0.3304

0.0000, 0.0000,
0.0000

45.1867, 0.3075,
0.3317

45.1867, 0.3075,
0.3317

43.0810, 0.2960,
0.3383

47.5820, 0.3193,
0.3258

41.2478, 0.2851,
0.3454

50.2717, 0.3313,
0.3205

39.6771, 0.2751,
0.3532

53.2678, 0.3432,
0.3158

38.3561, 0.2663,
0.3616

56.5797, 0.3549,
0.3117

37.2707, 0.2589,
0.3703

58.5705, 0.3592,
0.3075

■ 36.4057, 0.2532,
0.3795

■ 58.7905, 0.3552,
0.3028

■ 35.7437, 0.2494,
0.3888

■ 59.0170, 0.3513,
0.2982

■ 35.2649, 0.2475,
0.3982

■ 59.2500, 0.3474,
0.2936

■ 34.9454, 0.2475,
0.4075

■ 59.4896, 0.3436,
0.2891

Harmonies

Analogous

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



45.1867, 0.3117, 0.3350



45.1867, 0.3075, 0.3317



45.1867, 0.3047, 0.3277

Triad

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



45.1867, 0.3075, 0.3317



45.1867, 0.3092, 0.3214



45.1867, 0.3215, 0.3339

Complementary

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



45.1867, 0.3075, 0.3317



42.8026, 0.3182, 0.3263

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.



45.1867, 0.3208, 0.3303



45.1867, 0.3075, 0.3317



45.1867, 0.3137, 0.3231

Square

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



45.1867, 0.3075, 0.3317



45.1867, 0.3057, 0.3218



45.1867, 0.3180, 0.3263



45.1867, 0.3198, 0.3363

Rectangle

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



45.1867, 0.3075, 0.3317



45.1867, 0.3040, 0.3251



45.1867, 0.3180, 0.3263



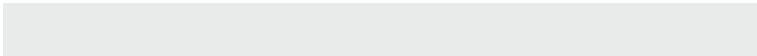
45.1867, 0.3215, 0.3328

Sweetspot

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



45.1886, 0.3075, 0.3317



82.3271, 0.3115, 0.3296



45.1972, 0.3140, 0.3398



17.7987, 0.3116, 0.3296



91.1408, 0.3127, 0.3290



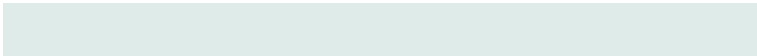
17.8868, 0.3127, 0.3290

Same Dimension

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



45.1886, 0.3075, 0.3317



80.6605, 0.3067, 0.3321



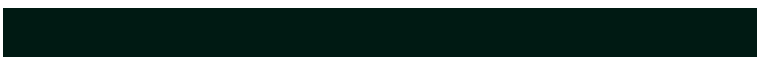
44.5149, 0.3060, 0.3265



9.7693, 0.3062, 0.3324



24.0041, 0.2477, 0.4115



0.7640, 0.2405, 0.3857

Inverse Universe

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



42.8026, 0.3182, 0.3263



75.7821, 0.3191, 0.3259



43.4465, 0.3197, 0.3315



9.1204, 0.3197, 0.3256



6.9168, 0.5886, 0.3016



0.2272, 0.5091, 0.2578

Previews

White Background



This preview shows how the Yxy color 45.1867, 0.3075, 0.3317 looks on a white background.

Color Contrast Check

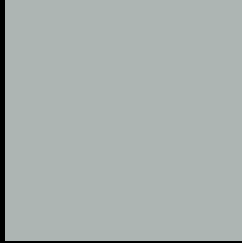
Large Text (above 18pt) WCAG AA × Fail

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 45.1867, 0.3075, 0.3317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

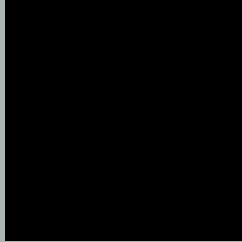
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

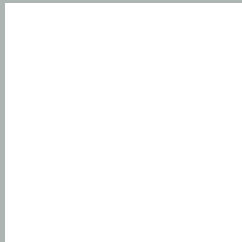
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.1867, 0.3075, 0.3317

Background



This preview shows how black text looks on a background with the Yxy color 45.1867, 0.3075, 0.3317.



This preview shows how white text looks on a background with the Yxy color 45.1867, 0.3075, 0.3317.

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

45.1867, 0.3075, 0.3317

Protanopia

45.0824, 0.3179, 0.3303

Deuteranopia

44.9591, 0.3266, 0.3189



Tritanopia

45.2044, 0.2984, 0.3106

Trichromacy



Original Color

45.1867, 0.3075, 0.3317

Protanomaly

45.0383, 0.3135, 0.3303

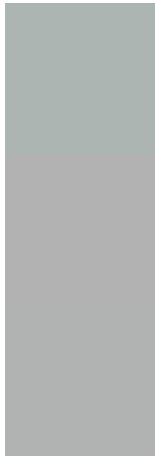
Deuteranomaly

45.0373, 0.3200, 0.3239

Tritanomaly

45.2720, 0.3014, 0.3184

Monochromacy



Original Color

45.1867, 0.3075, 0.3317

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.6847, 0.3109, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1867, 0.3075, 0.3317 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(173, 181, 179)` looks like.

```
.text, #text, p{  
    color:rgb(173, 181, 179)  
}
```

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(173, 181, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 181, 179) }
```

Border

The CSS property to change the border of an element to Yxy 45.1867, 0.3075, 0.3317 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(173, 181, 179) }
```

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

```
.border{ border-color:rgb(173, 181, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 181, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 181, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 181, 179);  
box-shadow:4px 4px 4px 4px rgb(173, 181,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1867, 0.3075, 0.3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 181, 179) }
```

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

```
.background{ background-color: rgb(173,  
181, 179) }
```

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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