

Converting Colors

$Yxy(45.6392, 0.3024, 0.3244)$

Have a look what the booklet for
Yxy(45.6392, 0.3024, 0.3244)
contains.

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Color

Yxy(45.8429, 0.3028, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	ADB6B9
RGB	173, 182, 185
RGB Percent	68%, 71%, 73%
CMY	0.3217, 0.2862, 0.2745
CMYK	0.07, 0.02, 0.00, 0.27
HSL	195°, 8%, 70%
HSV	195°, 7%, 73%
XYZ	42.7115, 45.8429, 52.5007
YIQ	179.6510, -6.3270, -0.9750

Conversions

Conversions Part 2

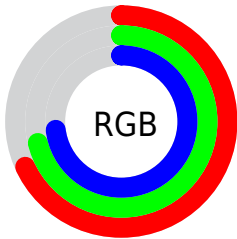
Format	Color
RYB	173, 178, 185
Decimal	11384505
CIELab	73.44, -2.56, -2.62
CIELCh	73, 3.659, 225.689
Yxy	45.8429, 0.3028, 0.3250
Android (android.graphics.Color)	4289574585 (0xFFADB6B9)
YUV	179.6510, 2.6371, -5.8329
Hunter-Lab	67.7074, -5.8858, 1.4214

Details

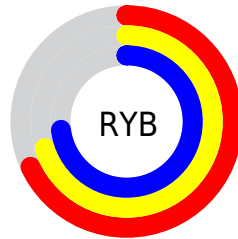
The Yxy color **45.8429, 0.3028, 0.3250** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.3609, 0.3232, 0.3330**, and the grayscale version is **45.4308, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9939, 0.3044, 0.3259**, and **21.4314, 0.3004, 0.3235** is the 20% darker color. If you saturate the color by 10%, you get **42.0295, 0.2877, 0.3184**, and if you desaturate by 10%, it is **50.0139, 0.3180, 0.3310**.

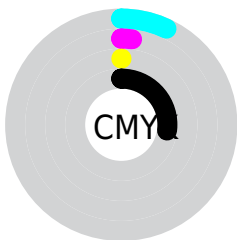
Distribution



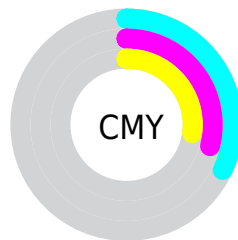
- Red (68%)
- Green (71%)
- Blue (73%)



- Red (68%)
- Yellow (70%)
- Blue (73%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (27%)



- Cyan (32%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.8429, 0.3028, 0.3250 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 45.8429, 0.3028, 0.3250 by changing the saturation by 10% instead.

■ 45.8429, 0.3028,
0.3250

■ 45.8429, 0.3028,
0.3250

370.1767, 0.3078,
0.3270

■ 32.1219, 0.3016,
0.3245

■ 83.9838, 0.3046,
0.3257

■ 21.4546, 0.3000,
0.3238

109.1725, 0.3053,
0.3260

■ 13.4567, 0.2978,
0.3229

138.9526, 0.3059,
0.3263

■ 7.7438, 0.2949,
0.3217

173.7083, 0.3063,
0.3265

■ 3.9314, 0.2904,
0.3197

213.8242, 0.3068,
0.3266

■ 1.6353, 0.2829,
0.3164

259.6847, 0.3071,

■ 0.3812, 0.2345,

0.3268

0.2980

311.6740, 0.3075,
0.3269

■ 0.0000, 0.0000,
0.0000

■ 45.8429, 0.3028,
0.3250

■ 45.8429, 0.3028,
0.3250

■ 42.0295, 0.2877,
0.3184

■ 50.0139, 0.3180,
0.3310

■ 38.5554, 0.2728,
0.3111

■ 54.5486, 0.3331,
0.3364

■ 35.4092, 0.2587,
0.3033

■ 59.4600, 0.3478,
0.3413

■ 32.5765, 0.2455,
0.2949

■ 64.7589, 0.3620,
0.3455

■ 30.0418, 0.2335,
0.2862

■ 68.4175, 0.3673,
0.3498

■ 27.7879, 0.2232,
0.2772

■ 70.6472, 0.3660,
0.3545

■ 25.7957, 0.2146,
0.2680

■ 72.9420, 0.3648,
0.3591

■ 24.0427, 0.2080,
0.2588

■ 75.3023, 0.3635,
0.3637

■ 22.4994, 0.2033,
0.2497

■ 77.7288, 0.3623,
0.3682

Harmonies

Analogous

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



45.8429, 0.3047, 0.3295



45.8429, 0.3028, 0.3250



45.8429, 0.3035, 0.3216

Triad

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



45.8429, 0.3028, 0.3250



45.8429, 0.3167, 0.3241



45.8429, 0.3187, 0.3379

Complementary

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



45.8429, 0.3028, 0.3250



44.3609, 0.3232, 0.3330

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.



45.8429, 0.3220, 0.3364



45.8429, 0.3028, 0.3250



45.8429, 0.3208, 0.3284

Square

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



45.8429, 0.3028, 0.3250



45.8429, 0.3115, 0.3211



45.8429, 0.3228, 0.3329



45.8429, 0.3139, 0.3371

Rectangle

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



45.8429, 0.3028, 0.3250



45.8429, 0.3054, 0.3204



45.8429, 0.3228, 0.3329



45.8429, 0.3201, 0.3377

Sweetspot

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



45.8448, 0.3028, 0.3250



85.3660, 0.3096, 0.3278



46.7062, 0.3098, 0.3413



18.4202, 0.3098, 0.3278



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



45.8448, 0.3028, 0.3250



80.9528, 0.3003, 0.3240



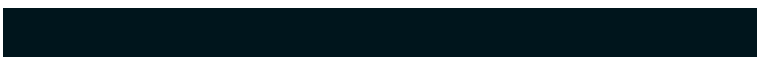
43.4993, 0.3029, 0.3172



9.8227, 0.2985, 0.3232



15.0916, 0.2022, 0.2477



0.6236, 0.2086, 0.2711

Inverse Universe

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



43.5633, 0.3159, 0.3172



75.9293, 0.3168, 0.3142



46.7026, 0.3226, 0.3406



9.1236, 0.3174, 0.3120



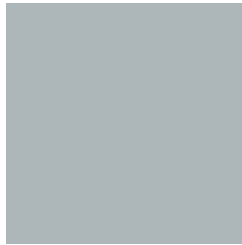
8.3058, 0.3945, 0.1947



0.3020, 0.3718, 0.1822

Previews

White Background



This preview shows how the Yxy color 45.8429, 0.3028, 0.3250 looks on a white background.

Color Contrast Check

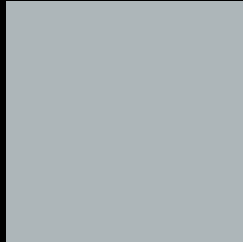
Large Text (above 18pt) WCAG AA × Fail

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 45.8429, 0.3028, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

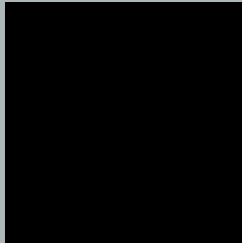
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

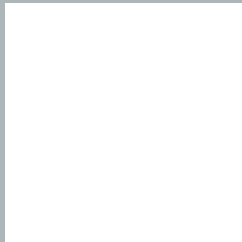
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.8429, 0.3028, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 45.8429, 0.3028, 0.3250.



This preview shows how white text looks on a background with the Yxy color 45.8429, 0.3028, 0.3250.

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

45.8429, 0.3028, 0.3250

Protanopia

45.6042, 0.3121, 0.3238

Deuteranopia

45.8072, 0.3213, 0.3152



Tritanopia

45.6966, 0.2969, 0.3094

Trichromacy



Original Color

45.8429, 0.3028, 0.3250

Protanomaly

45.6869, 0.3087, 0.3237

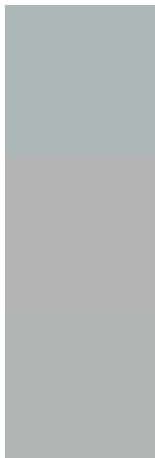
Deuteranomaly

45.9508, 0.3141, 0.3187

Tritanomaly

45.8080, 0.2991, 0.3158

Monochromacy



Original Color

45.8429, 0.3028, 0.3250

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.7723, 0.3085, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.8429, 0.3028, 0.3250 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, 182, 185)` looks like.

```
.text, #text, p{  
    color:rgb(173, 182, 185)  
}
```

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, 182, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 182, 185) }
```

Border

The CSS property to change the border of an element to Yxy 45.8429, 0.3028, 0.3250 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, 182, 185) }
```

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

```
.border{ border-color:rgb(173, 182, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 182, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 182, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 182, 185);  
box-shadow:4px 4px 4px 4px rgb(173, 182,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 45.8429, 0.3028, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 182, 185) }
```

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

```
.background{ background-color: rgb(173,  
182, 185) }
```

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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