

Converting Colors

$Yxy(41.6237, 0.2937, 0.3086)$

Have a look what the booklet for
Yxy(41.6237, 0.2937, 0.3086)
contains.

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Color

Yxy(41.5173, 0.2938, 0.3085)

Conversions

Conversions Part 1

Format	Color
Hex	A5ADBC
RGB	165, 173, 188
RGB Percent	65%, 68%, 74%
CMY	0.3530, 0.3216, 0.2626
CMYK	0.12, 0.08, 0.00, 0.26
HSL	219°, 15%, 69%
HSV	219°, 12%, 74%
XYZ	39.5390, 41.5173, 53.5217
YIQ	172.3180, -9.5830, 2.9690

Conversions

Conversions Part 2

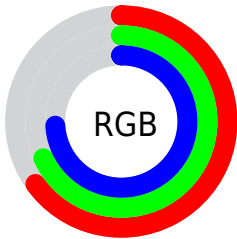
Format	Color
RYB	165, 171, 188
Decimal	10857916
CIELab	70.54, 0.25, -8.64
CIELCh	71, 8.643, 271.630
Yxy	41.5173, 0.2938, 0.3085
Android (android.graphics.Color)	4289047996 (0xFFA5ADBC)
YUV	172.3180, 7.7312, -6.4179
Hunter-Lab	64.4339, -3.2252, -4.1451

Details

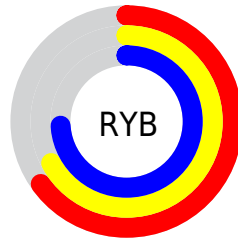
The Yxy color $41.5173, 0.2938, 0.3085$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $46.0620, 0.3320, 0.3487$, and the grayscale version is $41.3892, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.2341, 0.2974, 0.3121$, and $18.9347, 0.2880, 0.3026$ is the 20% darker color. If you saturate the color by 10%, you get $35.1586, 0.2773, 0.2895$, and if you desaturate by 10%, it is $48.6078, 0.3094, 0.3255$.

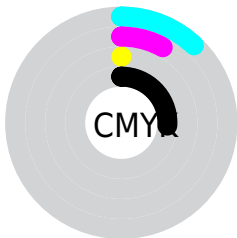
Distribution



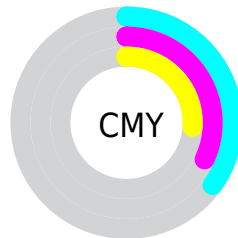
- Red (65%)
- Green (68%)
- Blue (74%)



- Red (65%)
- Yellow (67%)
- Blue (74%)



- Cyan (12%)
- Magenta (8%)
- Yellow (0%)
- Black (26%)



- Cyan (35%)
- Magenta (32%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.5173, 0.2938, 0.3085 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 41.5173, 0.2938, 0.3085 by changing the saturation by 10% instead.

■ 41.5173, 0.2938,
0.3085

■ 41.5173, 0.2938,
0.3085

■ 352.4780, 0.3034,
0.3189

■ 28.7235, 0.2913,
0.3058

■ 77.4686, 0.2973,
0.3123

■ 18.8718, 0.2882,
0.3024

■ 101.3948, 0.2986,
0.3137

■ 11.5777, 0.2839,
0.2978

■ 129.8007, 0.2998,
0.3149

■ 6.4568, 0.2778,
0.2912

■ 163.0706, 0.3007,
0.3160

■ 3.1248, 0.2685,
0.2812

■ 201.5888, 0.3015,
0.3169

■ 1.1972, 0.2527,
0.2641

■ 245.7399, 0.3022,

■ 0.0594, 0.0790,

0.3176

0.0752

295.9082, 0.3029,
0.3183

0.0000, 0.0000,
0.0000

41.5173, 0.2938,
0.3085

41.5173, 0.2938,
0.3085

35.1586, 0.2773,
0.2895

48.6078, 0.3094,
0.3255

29.5020, 0.2600,
0.2686

56.4481, 0.3238,
0.3405

24.5233, 0.2423,
0.2459

65.0621, 0.3371,
0.3537

20.1950, 0.2248,
0.2217

74.4710, 0.3493,
0.3652

16.4874, 0.2081,
0.1968

83.9267, 0.3575,
0.3758

■ 13.3680, 0.1930,
0.1719

■ 91.1676, 0.3545,
0.3873

■ 10.8010, 0.1802,
0.1481

■ 96.4120, 0.3526,
0.3949

■ 8.7455, 0.1702,
0.1264

■ 7.4552, 0.1643,
0.1114

Harmonies

Analogous

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



41.5173, 0.2888, 0.3141



41.5173, 0.2938, 0.3085



41.5173, 0.3038, 0.3083

Triad

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



41.5173, 0.2938, 0.3085



41.5173, 0.3359, 0.3333



41.5173, 0.3087, 0.3454

Complementary

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



41.5173, 0.2938, 0.3085



46.0620, 0.3320, 0.3487

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.



41.5173, 0.3213, 0.3507



41.5173, 0.2938, 0.3085



41.5173, 0.3372, 0.3433

Square

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



41.5173, 0.2938, 0.3085



41.5173, 0.3282, 0.3224



41.5173, 0.3318, 0.3498



41.5173, 0.2973, 0.3356

Rectangle

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



41.5173, 0.2938, 0.3085



41.5173, 0.3122, 0.3112



41.5173, 0.3318, 0.3498



41.5173, 0.3129, 0.3478

Sweetspot

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



41.5190, 0.2938, 0.3085



85.6333, 0.3066, 0.3225



47.2710, 0.3001, 0.3398



18.2004, 0.3055, 0.3213



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.



41.5190, 0.2938, 0.3085



71.6335, 0.2889, 0.3030



38.9149, 0.2966, 0.2976



9.7533, 0.2984, 0.3136



5.2011, 0.1649, 0.1137



0.3280, 0.1789, 0.1641

Inverse Universe

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



40.6207, 0.3273, 0.3185



69.7396, 0.3314, 0.3158



48.9559, 0.3278, 0.3591



9.5897, 0.3235, 0.3210



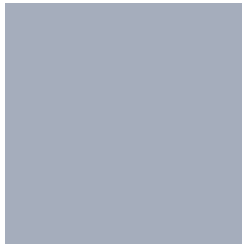
7.5547, 0.5557, 0.2835



0.3085, 0.4880, 0.2462

Previews

White Background



This preview shows how the Yxy color 41.5173, 0.2938, 0.3085 looks on a white background.

Color Contrast Check

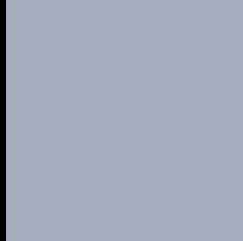
Large Text (above 18pt) WCAG AA × Fail

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 41.5173, 0.2938, 0.3085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

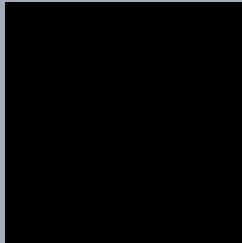
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

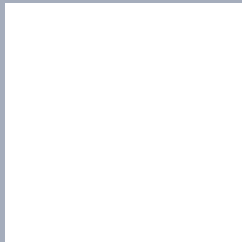
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.5173, 0.2938, 0.3085

Background



This preview shows how black text looks on a background with the Yxy color 41.5173, 0.2938, 0.3085.



This preview shows how white text looks on a background with the Yxy color 41.5173, 0.2938, 0.3085.

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

41.5173, 0.2938, 0.3085

Protanopia

41.3716, 0.2997, 0.3074

Deuteranopia

41.5031, 0.3068, 0.3015



Tritanopia

41.4743, 0.2946, 0.3099

Trichromacy



Original Color

41.5173, 0.2938, 0.3085

Protanomaly

41.5279, 0.2980, 0.3087

Deuteranomaly

41.5375, 0.3015, 0.3037

Tritanomaly

41.4743, 0.2946, 0.3099

Monochromacy



Original Color

41.5173, 0.2938, 0.3085

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.1544, 0.3051, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5173, 0.2938, 0.3085 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(165, 173, 188)` looks like.

```
.text, #text, p{  
    color:rgb(165, 173, 188)  
}
```

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(165, 173, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 173, 188) }
```

Border

The CSS property to change the border of an element to Yxy 41.5173, 0.2938, 0.3085 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(165, 173, 188) }
```

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

```
.border{ border-color:rgb(165, 173, 188) }
```

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

Here you see how a box with a 4 pixel rgb(165, 173, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 173, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 173, 188);  
box-shadow:4px 4px 4px 4px rgb(165, 173,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5173, 0.2938, 0.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 173, 188) }
```

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

```
.background{ background-color: rgb(165,  
173, 188) }
```

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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