

Converting Colors

$Yxy(42.9257, 0.3046, 0.3188)$

Have a look what the booklet for
Yxy(42.9257, 0.3046, 0.3188)
contains.

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Color

Yxy(42.9631, 0.3045, 0.3182)

Conversions

Conversions Part 1

Format	Color
Hex	ADAFB7
RGB	173, 175, 183
RGB Percent	68%, 69%, 72%
CMY	0.3216, 0.3137, 0.2822
CMYK	0.05, 0.04, 0.00, 0.28
HSL	228°, 7%, 70%
HSV	228°, 5%, 72%
XYZ	41.1133, 42.9631, 50.9427
YIQ	175.3140, -3.7600, 2.0640

Conversions

Conversions Part 2

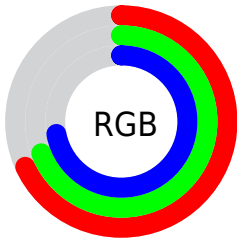
Format	Color
RYB	173, 175, 183
Decimal	11382711
CIELab	71.53, 0.85, -4.35
CIElCh	72, 4.434, 281.117
Yxy	42.9631, 0.3045, 0.3182
Android (android.graphics.Color)	4289572791 (0xFFADAFB7)
YUV	175.3140, 3.7892, -2.0294
Hunter-Lab	65.5462, -2.7433, -0.1980

Details

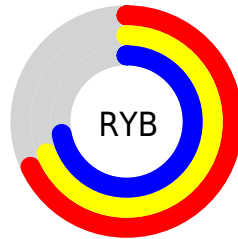
The Yxy color $42.9631, 0.3045, 0.3182$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $46.1494, 0.3209, 0.3396$, and the grayscale version is $43.0240, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.3196, 0.3057, 0.3196$, and $19.8426, 0.3026, 0.3160$ is the 20% darker color. If you saturate the color by 10%, you get $35.6210, 0.2884, 0.2965$, and if you desaturate by 10%, it is $51.2137, 0.3192, 0.3373$.

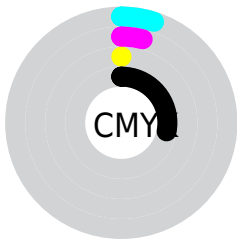
Distribution



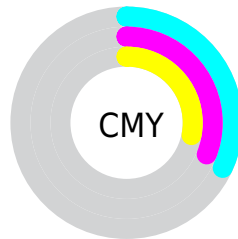
- Red (68%)
- Green (69%)
- Blue (72%)



- Red (68%)
- Yellow (69%)
- Blue (72%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (28%)



- Cyan (32%)
- Magenta (31%)
- Yellow (28%)
- Black (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.9631, 0.3045, 0.3182 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 42.9631, 0.3045, 0.3182 by changing the saturation by 10% instead.

■ 42.9631, 0.3045,
0.3182

■ 42.9631, 0.3045,
0.3182

358.4600, 0.3087,
0.3237

■ 29.8562, 0.3034,
0.3168

■ 79.6552, 0.3060,
0.3202

■ 19.7294, 0.3021,
0.3150

104.0091, 0.3066,
0.3209

■ 12.1985, 0.3002,
0.3126

132.8808, 0.3071,
0.3216

■ 6.8790, 0.2976,
0.3092

166.6547, 0.3075,
0.3221

■ 3.3866, 0.2936,
0.3040

205.7152, 0.3078,
0.3226

■ 1.3367, 0.2867,
0.2952

250.4466, 0.3082,

■ 0.1694, 0.2165,

0.3230

0.2017

301.2334, 0.3084,
0.3234

0.0000, 0.0000,
0.0000

42.9631, 0.3045,
0.3182

42.9631, 0.3045,
0.3182

35.6210, 0.2884,
0.2965

51.2137, 0.3192,
0.3373

29.1509, 0.2709,
0.2723

60.3971, 0.3323,
0.3541

23.5213, 0.2522,
0.2456

70.5433, 0.3441,
0.3687

18.6973, 0.2330,
0.2171

81.6795, 0.3545,
0.3813

14.6411, 0.2139,
0.1874

91.9817, 0.3572,
0.3938

■ 11.3119, 0.1959,
0.1580

■ 96.2003, 0.3555,
0.3998

■ 8.6650, 0.1800,
0.1303

■ 6.6504, 0.1674,
0.1061

■ 5.2098, 0.1586,
0.0868

Harmonies

Analogous

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



42.9631, 0.3010, 0.3203



42.9631, 0.3045, 0.3182



42.9631, 0.3102, 0.3189

Triad

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



42.9631, 0.3045, 0.3182



42.9631, 0.3250, 0.3330



42.9631, 0.3087, 0.3359

Complementary

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



42.9631, 0.3045, 0.3182



46.1494, 0.3209, 0.3396

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.



42.9631, 0.3151, 0.3394



42.9631, 0.3045, 0.3182



42.9631, 0.3246, 0.3376

Square

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



42.9631, 0.3045, 0.3182



42.9631, 0.3221, 0.3274



42.9631, 0.3209, 0.3400



42.9631, 0.3034, 0.3305

Rectangle

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



42.9631, 0.3045, 0.3182



42.9631, 0.3145, 0.3209



42.9631, 0.3209, 0.3400



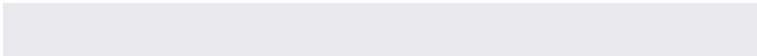
42.9631, 0.3108, 0.3373

Sweetspot

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



42.9649, 0.3045, 0.3182



81.8249, 0.3097, 0.3251



46.1021, 0.3059, 0.3317



18.1064, 0.3099, 0.3253



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.



42.9649, 0.3045, 0.3182



74.6604, 0.3020, 0.3148



42.5390, 0.3072, 0.3156



9.3180, 0.3014, 0.3141



3.3658, 0.1559, 0.0813



0.2055, 0.1689, 0.1281

Inverse Universe

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



43.0539, 0.3200, 0.3264



74.8799, 0.3224, 0.3256



46.6037, 0.3181, 0.3423



9.3473, 0.3229, 0.3254



7.1221, 0.6048, 0.3105



0.2598, 0.5352, 0.2722

Previews

White Background



This preview shows how the Yxy color 42.9631, 0.3045, 0.3182 looks on a white background.

Color Contrast Check

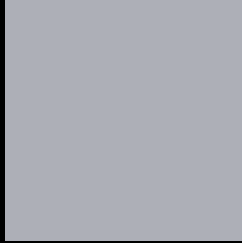
Large Text (above 18pt) WCAG AA × Fail

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 42.9631, 0.3045, 0.3182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

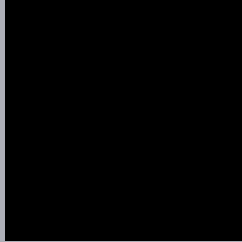
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

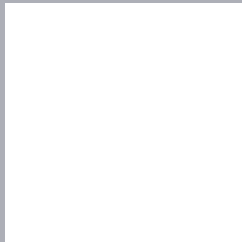
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.9631, 0.3045, 0.3182

Background



This preview shows how black text looks on a background with the Yxy color 42.9631, 0.3045, 0.3182.

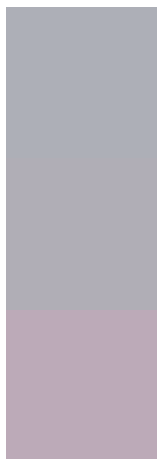


This preview shows how white text looks on a background with the Yxy color 42.9631, 0.3045, 0.3182.

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

42.9631, 0.3045, 0.3182

Protanopia

42.8796, 0.3080, 0.3183

Deuteranopia

42.9015, 0.3172, 0.3109



Tritanopia

42.9016, 0.3014, 0.3104

Trichromacy



Original Color

42.9631, 0.3045, 0.3182

Protanomaly

42.7635, 0.3071, 0.3183

Deuteranomaly

43.0330, 0.3126, 0.3133

Tritanomaly

42.8159, 0.3030, 0.3130

Monochromacy



Original Color

42.9631, 0.3045, 0.3182

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.8730, 0.3094, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9631, 0.3045, 0.3182 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, 175, 183)` looks like.

```
.text, #text, p{  
    color:rgb(173, 175, 183)  
}
```

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, 175, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 175, 183) }
```

Border

The CSS property to change the border of an element to Yxy 42.9631, 0.3045, 0.3182 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, 175, 183) }
```

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

```
.border{ border-color:rgb(173, 175, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 175, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 175, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 175, 183);  
box-shadow:4px 4px 4px 4px rgb(173, 175,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9631, 0.3045, 0.3182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 175, 183) }
```

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

```
.background{ background-color: rgb(173,  
175, 183) }
```

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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