

Converting Colors

$Yxy(45.9624, 0.2915, 0.3016)$

Have a look what the booklet for
Yxy(45.9624, 0.2915, 0.3016)
contains.

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Color

Yxy(45.8582, 0.2917, 0.3018)

Conversions

Conversions Part 1

Format	Color
Hex	AEB4C9
RGB	174, 180, 201
RGB Percent	68%, 71%, 79%
CMY	0.3175, 0.2941, 0.2118
CMYK	0.13, 0.10, 0.00, 0.21
HSL	227°, 20%, 74%
HSV	227°, 13%, 79%
XYZ	44.3235, 45.8582, 61.7673
YIQ	180.6000, -10.3170, 5.2590

Conversions

Conversions Part 2

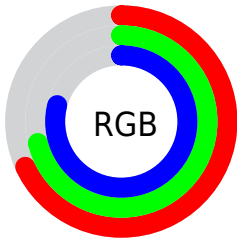
Format	Color
RYB	174, 179, 201
Decimal	11449545
CIELab	73.45, 2.16, -11.33
CIELCh	73, 11.537, 280.792
Yxy	45.8582, 0.2917, 0.3018
Android (android.graphics.Color)	4289639625 (0xFFAEB4C9)
YUV	180.6000, 10.0572, -5.7882
Hunter-Lab	67.7187, -1.6751, -6.6762

Details

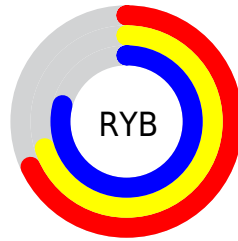
The Yxy color **45.8582, 0.2917, 0.3018** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.5157, 0.3336, 0.3548**, and the grayscale version is **45.9333, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.0339, 0.2974, 0.3098**, and **21.3503, 0.2852, 0.2936** is the 20% darker color. If you saturate the color by 10%, you get **37.7543, 0.2744, 0.2786**, and if you desaturate by 10%, it is **55.0251, 0.3076, 0.3225**.

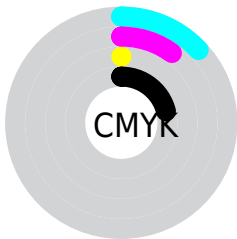
Distribution



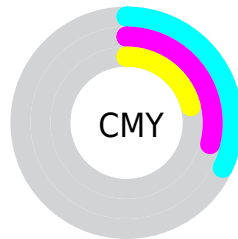
- Red (68%)
- Green (71%)
- Blue (79%)



- Red (68%)
- Yellow (70%)
- Blue (79%)



- Cyan (13%)
- Magenta (10%)
- Yellow (0%)
- Black (21%)



- Cyan (32%)
- Magenta (29%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.8582, 0.2917, 0.3018 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 45.8582, 0.2917, 0.3018 by changing the saturation by 10% instead.

■ 45.8582, 0.2917,
0.3018

■ 45.8582, 0.2917,
0.3018

370.2383, 0.3022,
0.3153

■ 32.1339, 0.2891,
0.2985

■ 84.0067, 0.2955,
0.3067

■ 21.4638, 0.2857,
0.2942

109.1998, 0.2970,
0.3085

■ 13.4635, 0.2812,
0.2885

138.9846, 0.2982,
0.3101

■ 7.7485, 0.2750,
0.2807

173.7455, 0.2992,
0.3114

■ 3.9344, 0.2657,
0.2691

213.8670, 0.3001,
0.3126

■ 1.6369, 0.2504,
0.2505

259.7333, 0.3009,

■ 0.3823, 0.2052,

0.3136

0.1885

311.7289, 0.3016,
0.3145

■ 0.0000, 0.0000,
0.0000

■ 45.8582, 0.2917,
0.3018

■ 45.8582, 0.2917,
0.3018

■ 37.7543, 0.2744,
0.2786

■ 55.0251, 0.3076,
0.3225

■ 30.6687, 0.2560,
0.2529

■ 65.2861, 0.3221,
0.3407

■ 24.5619, 0.2370,
0.2253

■ 76.6781, 0.3351,
0.3567

■ 19.3898, 0.2179,
0.1963

■ 89.2346, 0.3468,
0.3706

■ 15.1046, 0.1998,
0.1671

■ 96.9966, 0.3448,
0.3820

■ 11.6539, 0.1836,
0.1392

■ 8.9796, 0.1703,
0.1142

■ 7.0151, 0.1608,
0.0935

■ 6.0528, 0.1563,
0.0825

Harmonies

Analogous

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



45.8582, 0.2831, 0.3068



45.8582, 0.2917, 0.3018



45.8582, 0.3060, 0.3038

Triad

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



45.8582, 0.2917, 0.3018



45.8582, 0.3442, 0.3386



45.8582, 0.3026, 0.3469

Complementary

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



45.8582, 0.2917, 0.3018



54.5157, 0.3336, 0.3548

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.



45.8582, 0.3188, 0.3559



45.8582, 0.2917, 0.3018



45.8582, 0.3431, 0.3505

Square

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



45.8582, 0.2917, 0.3018



45.8582, 0.3366, 0.3246



45.8582, 0.3337, 0.3571



45.8582, 0.2893, 0.3329

Rectangle

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



45.8582, 0.2917, 0.3018



45.8582, 0.3170, 0.3087



45.8582, 0.3337, 0.3571



45.8582, 0.3078, 0.3507

Sweetspot

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



45.8601, 0.2917, 0.3018



93.1526, 0.3066, 0.3213



54.6979, 0.2967, 0.3369



19.6703, 0.3055, 0.3197



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



45.8601, 0.2917, 0.3018



74.4425, 0.2870, 0.2955



44.3519, 0.2974, 0.2945



10.6617, 0.2983, 0.3105



3.9196, 0.1569, 0.0847



0.2970, 0.1680, 0.1249

Inverse Universe

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



45.9961, 0.3319, 0.3216



74.7943, 0.3366, 0.3200



56.2693, 0.3267, 0.3625



10.6747, 0.3255, 0.3239



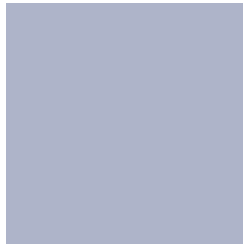
7.9357, 0.5995, 0.3076



0.3870, 0.5397, 0.2747

Previews

White Background



This preview shows how the Yxy color 45.8582, 0.2917, 0.3018 looks on a white background.

Color Contrast Check

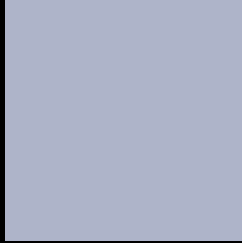
Large Text (above 18pt) WCAG AA × Fail

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 45.8582, 0.2917, 0.3018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

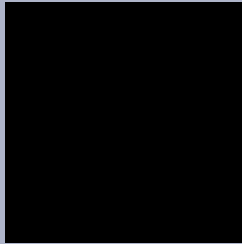
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

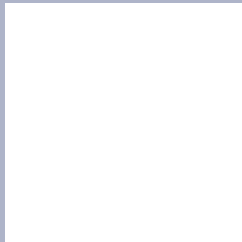
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.8582, 0.2917, 0.3018

Background



This preview shows how black text looks on a background with the Yxy color 45.8582, 0.2917, 0.3018.

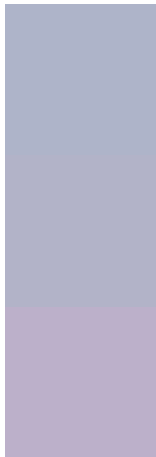


This preview shows how white text looks on a background with the Yxy color 45.8582, 0.2917, 0.3018.

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

45.8582, 0.2917, 0.3018

Protanopia

45.8753, 0.2956, 0.3020

Deuteranopia

46.0063, 0.3023, 0.2964



Tritanopia

45.8721, 0.2953, 0.3106

Trichromacy



Original Color

45.8582, 0.2917, 0.3018

Protanomaly

45.7574, 0.2948, 0.3019

Deuteranomaly

45.7758, 0.2982, 0.2973

Tritanomaly

45.9632, 0.2938, 0.3081

Monochromacy



Original Color

45.8582, 0.2917, 0.3018

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.1436, 0.3047, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.8582, 0.2917, 0.3018 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(174, 180, 201)` looks like.

```
.text, #text, p{  
    color:rgb(174, 180, 201)  
}
```

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(174, 180, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 180, 201) }
```

Border

The CSS property to change the border of an element to Yxy 45.8582, 0.2917, 0.3018 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(174, 180, 201) }
```

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

```
.border{ border-color:rgb(174, 180, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 180, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 180, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 180, 201);  
box-shadow:4px 4px 4px 4px rgb(174, 180,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 45.8582, 0.2917, 0.3018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 180, 201) }
```

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

```
.background{ background-color: rgb(174,  
180, 201) }
```

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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