

Converting Colors

$Y_{xy}(43.6922, 0.2870, 0.2934)$

Have a look what the booklet for
Yxy(43.6922, 0.2870, 0.2934)
contains.

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Color

Yxy(43.5178, 0.2868, 0.2924)

Conversions

Conversions Part 1

Format	Color
Hex	AAAFCB
RGB	170, 175, 203
RGB Percent	67%, 69%, 80%
CMY	0.3333, 0.3137, 0.2041
CMYK	0.16, 0.14, 0.00, 0.20
HSL	231°, 24%, 73%
HSV	231°, 16%, 80%
XYZ	42.6844, 43.5178, 62.6275
YIQ	176.6970, -11.9680, 7.6480

Conversions

Conversions Part 2

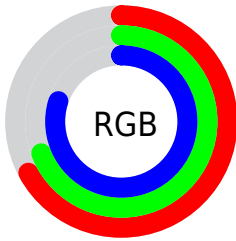
Format	Color
R _Y B	170, 174, 203
Decimal	11186123
CIE Lab	71.91, 3.99, -14.77
CIE LCh	72, 15.298, 285.136
Yxy	43.5178, 0.2868, 0.2924
Android (android.graphics.Color)	4289376203 (0xFFAAAFCB)
YUV	176.6970, 12.9674, -5.8733
Hunter-Lab	65.9680, 0.0537, -10.1101

Details

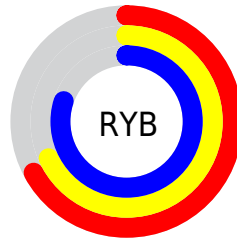
The Yxy color **43.5178, 0.2868, 0.2924** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **55.9662, 0.3378, 0.3631**, and the grayscale version is **43.7353, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9824, 0.2948, 0.3034**, and **20.1874, 0.2796, 0.2826** is the 20% darker color. If you saturate the color by 10%, you get **35.1488, 0.2688, 0.2662**, and if you desaturate by 10%, it is **53.0942, 0.3033, 0.3158**.

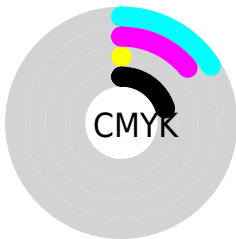
Distribution



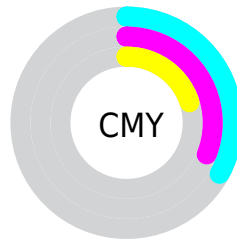
- Red (67%)
- Green (69%)
- Blue (80%)



- Red (67%)
- Yellow (68%)
- Blue (80%)



- Cyan (16%)
- Magenta (14%)
- Yellow (0%)
- Black (20%)



- Cyan (33%)
- Magenta (31%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.5178, 0.2868, 0.2924 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 43.5178, 0.2868, 0.2924 by changing the saturation by 10% instead.

■ 43.5178, 0.2868,
0.2924

■ 43.5178, 0.2868,
0.2924

■ 360.7369, 0.2999,
0.3106

■ 30.2916, 0.2835,
0.2879

■ 80.4917, 0.2916,
0.2990

■ 20.0600, 0.2792,
0.2821

■ 105.0081, 0.2934,
0.3015

■ 12.4387, 0.2736,
0.2744

■ 134.0568, 0.2949,
0.3036

■ 7.0432, 0.2656,
0.2638

■ 168.0220, 0.2962,
0.3054

■ 3.4891, 0.2537,
0.2483

■ 207.2883, 0.2973,
0.3070

■ 1.3921, 0.2341,
0.2233

■ 252.2399, 0.2983,

■ 0.2109, 0.1653,

0.3083

0.1170

303.2613, 0.2991,
0.3096

0.0000, 0.0000,
0.0000

43.5178, 0.2868,
0.2924

43.5178, 0.2868,
0.2924

35.1488, 0.2688,
0.2662

53.0942, 0.3033,
0.3158

27.9337, 0.2496,
0.2375

63.9178, 0.3181,
0.3364

21.8230, 0.2297,
0.2069

76.0334, 0.3313,
0.3544

16.7617, 0.2100,
0.1756

89.4818, 0.3430,
0.3701

12.6896, 0.1916,
0.1450

97.0901, 0.3436,
0.3801

■ 9.5406, 0.1757,
0.1172

■ 7.2399, 0.1635,
0.0940

■ 5.6994, 0.1555,
0.0768

■ 5.2793, 0.1533,
0.0719

Harmonies

Analogous

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



43.5178, 0.2741, 0.2975



43.5178, 0.2868, 0.2924



43.5178, 0.3067, 0.2965

Triad

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



43.5178, 0.2868, 0.2924



43.5178, 0.3559, 0.3442



43.5178, 0.2960, 0.3509

Complementary

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



43.5178, 0.2868, 0.2924



55.9662, 0.3378, 0.3631

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.



43.5178, 0.3175, 0.3645



43.5178, 0.2868, 0.2924



43.5178, 0.3526, 0.3596

Square

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



43.5178, 0.2868, 0.2924



43.5178, 0.3471, 0.3256



43.5178, 0.3383, 0.3675



43.5178, 0.2793, 0.3310

Rectangle

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



43.5178, 0.2868, 0.2924



43.5178, 0.3216, 0.3037



43.5178, 0.3383, 0.3675



43.5178, 0.3029, 0.3564

Sweetspot

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



43.5196, 0.2868, 0.2924



90.9539, 0.3051, 0.3184



55.2951, 0.2920, 0.3359



19.2051, 0.3040, 0.3168



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.



43.5196, 0.2868, 0.2924



68.4635, 0.2815, 0.2848



42.8850, 0.2957, 0.2868



11.1142, 0.2982, 0.3087



3.4456, 0.1538, 0.0735



0.2675, 0.1623, 0.1041

Inverse Universe

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



44.5390, 0.3387, 0.3228



70.5179, 0.3446, 0.3216



56.8017, 0.3280, 0.3701



11.2410, 0.3267, 0.3255



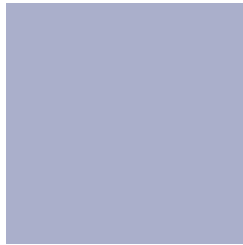
8.1508, 0.6175, 0.3176



0.4296, 0.5697, 0.2912

Previews

White Background



This preview shows how the Yxy color 43.5178, 0.2868, 0.2924 looks on a white background.

Color Contrast Check

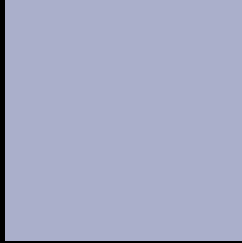
Large Text (above 18pt) WCAG AA × Fail

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 43.5178, 0.2868, 0.2924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

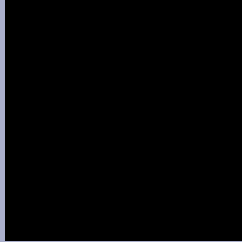
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5178, 0.2868, 0.2924

Background



This preview shows how black text looks on a background with the Yxy color 43.5178, 0.2868, 0.2924.



This preview shows how white text looks on a background with the Yxy color 43.5178, 0.2868, 0.2924.

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

43.5178, 0.2868, 0.2924

Protanopia

43.6297, 0.2876, 0.2924

Deuteranopia

43.5680, 0.2941, 0.2881



Tritanopia

43.5307, 0.2941, 0.3102

Trichromacy



Original Color

43.5178, 0.2868, 0.2924

Protanomaly

43.6297, 0.2876, 0.2924

Deuteranomaly

43.4769, 0.2908, 0.2890

Tritanomaly

43.4258, 0.2919, 0.3037

Monochromacy



Original Color

43.5178, 0.2868, 0.2924

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.5945, 0.3030, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5178, 0.2868, 0.2924 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(170, 175, 203)` looks like.

```
.text, #text, p{  
    color:rgb(170, 175, 203)  
}
```

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(170, 175, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 175, 203) }
```

Border

The CSS property to change the border of an element to Yxy 43.5178, 0.2868, 0.2924 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(170, 175, 203) }
```

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

```
.border{ border-color:rgb(170, 175, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 175, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 175, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 175, 203);  
box-shadow:4px 4px 4px 4px rgb(170, 175,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5178, 0.2868, 0.2924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 175, 203) }
```

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

```
.background{ background-color: rgb(170,  
175, 203) }
```

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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