

Converting Colors

$Yxy(48.3863, 0.2827, 0.2936)$

Have a look what the booklet for
Yxy(48.3863, 0.2827, 0.2936)
contains.

Yxy(48.3863, 0.2827, 0.2936)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(48.3863, 0.2827, 0.2936)

Conversions

Conversions Part 1

Format	Color
Hex	ADB9D5
RGB	173, 185, 213
RGB Percent	68%, 73%, 84%
CMY	0.3216, 0.2745, 0.1647
CMYK	0.19, 0.13, 0.00, 0.16
HSL	222°, 32%, 76%
HSV	222°, 19%, 84%
XYZ	46.5899, 48.3863, 69.8272
YIQ	184.6040, -16.1400, 6.1640

Conversions

Conversions Part 2

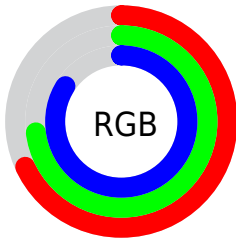
Format	Color
RYB	173, 182, 213
Decimal	11385301
CIELab	75.07, 1.70, -15.46
CIELCh	75, 15.551, 276.277
Yxy	48.3863, 0.2827, 0.2936
Android (android.graphics.Color)	4289575381 (0xFFADB9D5)
YUV	184.6040, 13.9992, -10.1767
Hunter-Lab	69.5603, -2.1751, -10.8254

Details

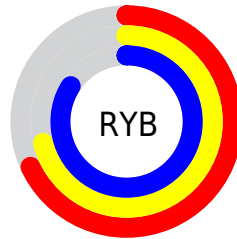
The Yxy color **48.3863, 0.2827, 0.2936** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **58.9223, 0.3432, 0.3621**, and the grayscale version is **48.2121, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7886, 0.2968, 0.3148**, and **22.9642, 0.2746, 0.2844** is the 20% darker color. If you saturate the color by 10%, you get **40.2394, 0.2652, 0.2716**, and if you desaturate by 10%, it is **57.5776, 0.2992, 0.3134**.

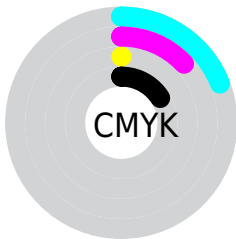
Distribution



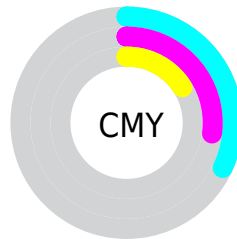
- Red (68%)
- Green (73%)
- Blue (84%)



- Red (68%)
- Yellow (71%)
- Blue (84%)



- Cyan (19%)
- Magenta (13%)
- Yellow (0%)
- Black (16%)



- Cyan (32%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.3863, 0.2827, 0.2936 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 48.3863, 0.2827, 0.2936 by changing the saturation by 10% instead.

■ 48.3863, 0.2827,
0.2936

■ 48.3863, 0.2827,
0.2936

380.3213, 0.2975,
0.3110

■ 34.1329, 0.2791,
0.2894

■ 87.7793, 0.2880,
0.2998

■ 22.9957, 0.2744,
0.2840

113.6877, 0.2901,
0.3022

■ 14.5903, 0.2683,
0.2769

144.2498, 0.2918,
0.3042

■ 8.5324, 0.2600,
0.2673

179.8502, 0.2933,
0.3060

■ 4.4375, 0.2478,
0.2534

220.8731, 0.2945,
0.3075

■ 1.9212, 0.2287,
0.2317

267.7030, 0.2957,

■ 0.5611, 0.1900,

0.3088

0.1854

320.7243, 0.2967,
0.3100

0.0000, 0.0000,
0.0000

48.3863, 0.2827,
0.2936

48.3863, 0.2827,
0.2936

40.2394, 0.2652,
0.2716

57.5776, 0.2992,
0.3134

33.0926, 0.2470,
0.2475

67.8436, 0.3145,
0.3310

26.9070, 0.2287,
0.2218

79.2207, 0.3286,
0.3465

21.6390, 0.2109,
0.1951

91.1321, 0.3392,
0.3603

17.2408, 0.1946,
0.1684

97.5836, 0.3376,
0.3701

■ 13.6602, 0.1804,
0.1429

■ 10.8379, 0.1693,
0.1199

■ 8.6943, 0.1615,
0.1004

■ 8.4690, 0.1607,
0.0983

Harmonies

Analogous

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



48.3863, 0.2729, 0.3013



48.3863, 0.2827, 0.2936



48.3863, 0.3006, 0.2950

Triad

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



48.3863, 0.2827, 0.2936



48.3863, 0.3537, 0.3387



48.3863, 0.3023, 0.3553

Complementary

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



48.3863, 0.2827, 0.2936



58.9223, 0.3432, 0.3621

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.



48.3863, 0.3238, 0.3658



48.3863, 0.2827, 0.2936



48.3863, 0.3540, 0.3552

Square

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



48.3863, 0.2827, 0.2936



48.3863, 0.3419, 0.3204



48.3863, 0.3429, 0.3655



48.3863, 0.2840, 0.3370

Rectangle

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



48.3863, 0.2827, 0.2936



48.3863, 0.3150, 0.3007



48.3863, 0.3429, 0.3655



48.3863, 0.3094, 0.3599

Sweetspot

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



48.3883, 0.2827, 0.2936



90.5728, 0.3035, 0.3184



60.6520, 0.2926, 0.3447



19.1744, 0.3025, 0.3172



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.



48.3883, 0.2827, 0.2936



67.0807, 0.2750, 0.2840



44.4299, 0.2877, 0.2788



12.6109, 0.2982, 0.3122



5.3310, 0.1613, 0.1008



0.4654, 0.1710, 0.1357

Inverse Universe

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



47.5317, 0.3385, 0.3147



65.7515, 0.3463, 0.3111



63.6730, 0.3351, 0.3763



12.4816, 0.3244, 0.3220



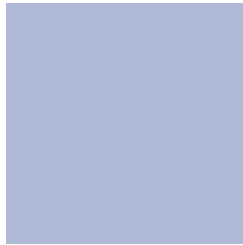
8.8830, 0.5747, 0.2940



0.5503, 0.5249, 0.2665

Previews

White Background



This preview shows how the Yxy color 48.3863, 0.2827, 0.2936 looks on a white background.

Color Contrast Check

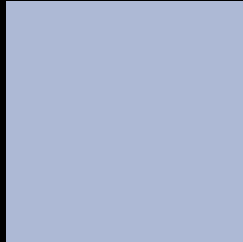
Large Text (above 18pt) WCAG AA × Fail

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 48.3863, 0.2827, 0.2936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

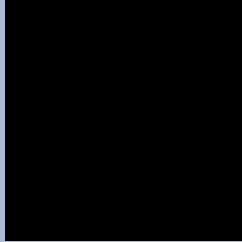
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.3863, 0.2827, 0.2936

Background



This preview shows how black text looks on a background with the Yxy color 48.3863, 0.2827, 0.2936.



This preview shows how white text looks on a background with the Yxy color 48.3863, 0.2827, 0.2936.

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

48.3863, 0.2827, 0.2936

Protanopia

48.3237, 0.2886, 0.2928

Deuteranopia

48.1889, 0.2933, 0.2873



Tritanopia

48.4628, 0.2889, 0.3096

Trichromacy



Original Color

48.3863, 0.2827, 0.2936

Protanomaly

48.3816, 0.2864, 0.2938

Deuteranomaly

48.3782, 0.2895, 0.2894

Tritanomaly

48.3447, 0.2868, 0.3033

Monochromacy



Original Color

48.3863, 0.2827, 0.2936

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.4618, 0.3018, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3863, 0.2827, 0.2936 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, 185, 213)` looks like.

```
.text, #text, p{  
    color:rgb(173, 185, 213)  
}
```

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, 185, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 185, 213) }
```

Border

The CSS property to change the border of an element to Yxy 48.3863, 0.2827, 0.2936 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, 185, 213) }
```

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

```
.border{ border-color:rgb(173, 185, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 185, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 185, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 185, 213);  
box-shadow:4px 4px 4px 4px rgb(173, 185,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3863, 0.2827, 0.2936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 185, 213) }
```

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

```
.background{ background-color: rgb(173,  
185, 213) }
```

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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