

Converting Colors

Yxy(64.1769, 0.2883, 0.3022)

Have a look what the booklet for
Yxy(64.1769, 0.2883, 0.3022)
contains.

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Color

Yxy(64.0395, 0.2883, 0.3018)

Conversions

Conversions Part 1

Format	Color
Hex	C6D2EA
RGB	198, 210, 234
RGB Percent	78%, 82%, 92%
CMY	0.2238, 0.1764, 0.0824
CMYK	0.15, 0.10, 0.00, 0.08
HSL	220°, 46%, 85%
HSV	220°, 15%, 92%
XYZ	61.1749, 64.0395, 86.9774
YIQ	209.1480, -14.8560, 4.9200

Conversions

Conversions Part 2

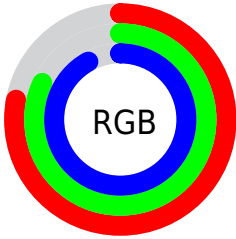
Format	Color
R _{YB}	198, 207, 234
Decimal	13030122
CIE Lab	83.99, 0.72, -13.18
CIE LCh	84, 13.202, 273.144
Yxy	64.0395, 0.2883, 0.3018
Android (android.graphics.Color)	4291220202 (0xFFC6D2EA)
YUV	209.1480, 12.2520, -9.7768
Hunter-Lab	80.0247, -3.5888, -8.4240

Details

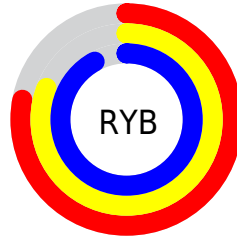
The Yxy color **64.0395, 0.2883, 0.3018** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.7683, 0.3377, 0.3548**, and the grayscale version is **63.7840, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.9206, 0.2827, 0.2961** is the 20% darker color. If you saturate the color by 10%, you get **53.7900, 0.2712, 0.2815**, and if you desaturate by 10%, it is **75.5327, 0.3045, 0.3200**.

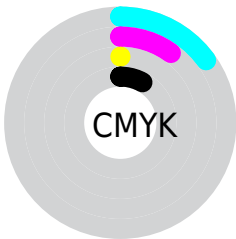
Distribution



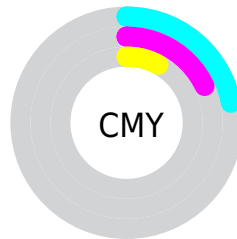
- Red (78%)
- Green (82%)
- Blue (92%)



- Red (78%)
- Yellow (81%)
- Blue (92%)



- Cyan (15%)
- Magenta (10%)
- Yellow (0%)
- Black (8%)



- Cyan (22%)
- Magenta (18%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.0395, 0.2883, 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 64.0395, 0.2883, 0.3018 by changing the saturation by 10% instead.

■ 64.0395, 0.2883,
0.3018

■ 64.0395, 0.2883,
0.3018

439.3323, 0.2998,
0.3146

■ 46.6827, 0.2856,
0.2988

110.6678, 0.2923,
0.3063

■ 32.7849, 0.2823,
0.2951

140.7081, 0.2939,
0.3080

■ 21.9617, 0.2780,
0.2904

175.7450, 0.2952,
0.3095

■ 13.8288, 0.2724,
0.2842

216.1629, 0.2964,
0.3108

■ 8.0017, 0.2646,
0.2756

262.3461, 0.2974,
0.3119

■ 4.0960, 0.2531,
0.2630

314.6792, 0.2983,

■ 1.7274, 0.2347,

0.3129

0.2428

373.5464, 0.2991,
0.3138

0.4413, 0.1860,
0.1878

0.0000, 0.0000,
0.0000

64.0395, 0.2883,
0.3018

64.0395, 0.2883,
0.3018

53.7900, 0.2712,
0.2815

75.5327, 0.3045,
0.3200

44.7326, 0.2534,
0.2591

88.3031, 0.3195,
0.3362

36.8235, 0.2353,
0.2350

98.7205, 0.3250,
0.3493

30.0130, 0.2176,
0.2096

■ 24.2474, 0.2011,
0.1838

■ 19.4676, 0.1865,
0.1586

■ 15.6075, 0.1746,
0.1350

■ 12.5901, 0.1659,
0.1143

■ 11.4437, 0.1627,
0.1058

Harmonies

Analogous

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



64.0395, 0.2814, 0.3087



64.0395, 0.2883, 0.3018



64.0395, 0.3017, 0.3020

Triad

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



64.0395, 0.2883, 0.3018



64.0395, 0.3438, 0.3352



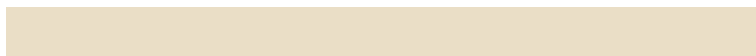
64.0395, 0.3064, 0.3503

Complementary

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



64.0395, 0.2883, 0.3018



73.7683, 0.3377, 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.



64.0395, 0.3231, 0.3576



64.0395, 0.2883, 0.3018



64.0395, 0.3450, 0.3483

Square

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



64.0395, 0.2883, 0.3018



64.0395, 0.3339, 0.3210



64.0395, 0.3373, 0.3567



64.0395, 0.2917, 0.3369

Rectangle

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



64.0395, 0.2883, 0.3018



64.0395, 0.3128, 0.3060



64.0395, 0.3373, 0.3567



64.0395, 0.3120, 0.3536

Sweetspot

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



64.0422, 0.2883, 0.3018



92.3703, 0.3051, 0.3207



76.0844, 0.2967, 0.3431



19.5483, 0.3040, 0.3195



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.



64.0422, 0.2883, 0.3018



74.3568, 0.2838, 0.2966



59.0487, 0.2916, 0.2882



15.3734, 0.2980, 0.3129



6.6380, 0.1635, 0.1086



0.6927, 0.1712, 0.1362

Inverse Universe

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



62.5089, 0.3323, 0.3160



72.3176, 0.3364, 0.3136



79.5111, 0.3320, 0.3677



15.1373, 0.3240, 0.3211



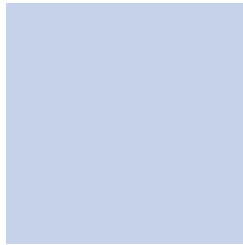
10.1629, 0.5631, 0.2876



0.8153, 0.5242, 0.2661

Previews

White Background



This preview shows how the Yxy color 64.0395, 0.2883, 0.3018 looks on a white background.

Color Contrast Check

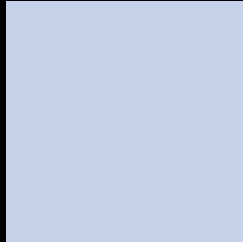
Large Text (above 18pt) WCAG AA × Fail

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 64.0395, 0.2883, 0.3018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

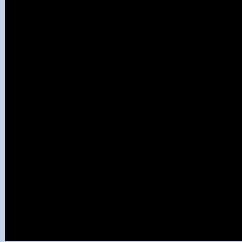
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.0395, 0.2883, 0.3018

Background



This preview shows how black text looks on a background with the Yxy color 64.0395, 0.2883, 0.3018.



This preview shows how white text looks on a background with the Yxy color 64.0395, 0.2883, 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

64.0395, 0.2883, 0.3018

Protanopia

64.1168, 0.2945, 0.3010

Deuteranopia

63.9356, 0.3010, 0.2951



Tritanopia

64.0603, 0.2915, 0.3095

Trichromacy



Original Color

64.0395, 0.2883, 0.3018

Protanomaly

64.1806, 0.2924, 0.3020

Deuteranomaly

63.8424, 0.2960, 0.2969

Tritanomaly

64.1720, 0.2902, 0.3073

Monochromacy



Original Color

64.0395, 0.2883, 0.3018

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.6420, 0.3036, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0395, 0.2883, 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(198, 210, 234)` looks like.

```
.text, #text, p{  
    color:rgb(198, 210, 234)  
}
```

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(198, 210, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 210, 234) }
```

Border

The CSS property to change the border of an element to Yxy 64.0395, 0.2883, 0.3018 is called "border". The border property can be set on classes, ids or directly on the HTML element.

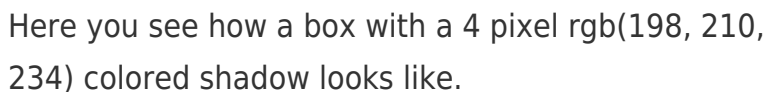
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 210, 234) }
```

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

```
.border{ border-color:rgb(198, 210, 234) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 210, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 210, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 210, 234); box-shadow:4px 4px 4px 4px rgb(198, 210, 234) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0395, 0.2883, 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(198, 210, 234) }
```

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

```
.background{ background-color: rgb(198,  
210, 234) }
```

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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