

Converting Colors

Yxy(64.3749, 0.2884, 0.3040)

Have a look what the booklet for
Yxy(64.3749, 0.2884, 0.3040)
contains.

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Color

Yxy(64.3420, 0.2883, 0.3040)

Conversions

Conversions Part 1

Format	Color
Hex	C5D3E9
RGB	197, 211, 233
RGB Percent	77%, 83%, 91%
CMY	0.2276, 0.1725, 0.0863
CMYK	0.15, 0.09, 0.00, 0.09
HSL	217°, 45%, 84%
HSV	217°, 15%, 91%
XYZ	61.0191, 64.3420, 86.2902
YIQ	209.3220, -15.4060, 3.8740

Conversions

Conversions Part 2

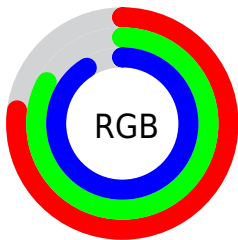
Format	Color
R _Y B	197, 207, 233
Decimal	12964841
CIE Lab	84.14, -0.32, -12.42
CIE LCh	84, 12.425, 268.522
Yxy	64.3420, 0.2883, 0.3040
Android (android.graphics.Color)	4291154921 (0xFFC5D3E9)
YUV	209.3220, 11.6733, -10.8064
Hunter-Lab	80.2135, -4.5871, -7.6322

Details

The Yxy color **64.3420, 0.2883, 0.3040** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.9829, 0.3381, 0.3528**, and the grayscale version is **63.9088, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **33.1279, 0.2827, 0.2990** is the 20% darker color. If you saturate the color by 10%, you get **54.6873, 0.2714, 0.2854**, and if you desaturate by 10%, it is **75.1123, 0.3043, 0.3207**.

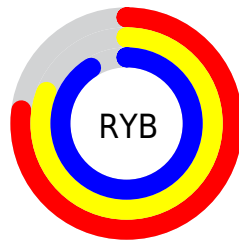
Distribution



Red (77%)

Green (83%)

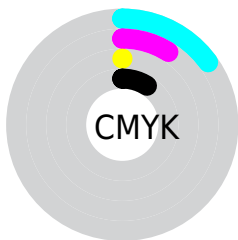
Blue (91%)



Red (77%)

Yellow (81%)

Blue (91%)

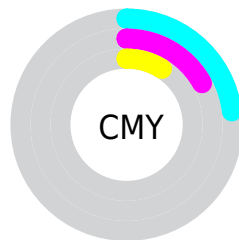


Cyan (15%)

Magenta (9%)

Yellow (0%)

Black (9%)



Cyan (23%)

Magenta (17%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.3420, 0.2883, 0.3040 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 64.3420, 0.2883, 0.3040 by changing the saturation by 10% instead.

■ 64.3420, 0.2883,
0.3040

■ 64.3420, 0.2883,
0.3040

440.4236, 0.2998,
0.3158

■ 46.9277, 0.2856,
0.3013

111.1033, 0.2923,
0.3081

■ 32.9785, 0.2823,
0.2978

141.2192, 0.2939,
0.3097

■ 22.1100, 0.2781,
0.2935

176.3377, 0.2952,
0.3111

■ 13.9377, 0.2724,
0.2877

216.8432, 0.2964,
0.3123

■ 8.0774, 0.2647,
0.2797

263.1202, 0.2974,
0.3133

■ 4.1445, 0.2533,
0.2680

315.5530, 0.2983,

■ 1.7547, 0.2350,

0.3142

0.2491

374.5260, 0.2991,
0.3151

0.4587, 0.1851,
0.1983

0.0000, 0.0000,
0.0000

64.3420, 0.2883,
0.3040

64.3420, 0.2883,
0.3040

54.6873, 0.2714,
0.2854

75.1123, 0.3043,
0.3207

46.1019, 0.2541,
0.2650

87.0266, 0.3194,
0.3355

38.5476, 0.2367,
0.2430

97.8033, 0.3257,
0.3490

31.9810, 0.2197,
0.2198

98.6630, 0.3256,
0.3503

■ 26.3547, 0.2039,
0.1959

■ 21.6168, 0.1900,
0.1723

■ 17.7089, 0.1786,
0.1498

■ 14.5626, 0.1700,
0.1293

■ 13.3470, 0.1669,
0.1208

Harmonies

Analogous

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



64.3420, 0.2829, 0.3115



64.3420, 0.2883, 0.3040



64.3420, 0.3002, 0.3031

Triad

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



64.3420, 0.2883, 0.3040



64.3420, 0.3409, 0.3328



64.3420, 0.3092, 0.3505

Complementary

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



64.3420, 0.2883, 0.3040



71.9829, 0.3381, 0.3528

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.



64.3420, 0.3248, 0.3563



64.3420, 0.2883, 0.3040



64.3420, 0.3434, 0.3455

Square

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



64.3420, 0.2883, 0.3040



64.3420, 0.3307, 0.3195



64.3420, 0.3374, 0.3542



64.3420, 0.2948, 0.3386

Rectangle

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



64.3420, 0.2883, 0.3040



64.3420, 0.3103, 0.3062



64.3420, 0.3374, 0.3542



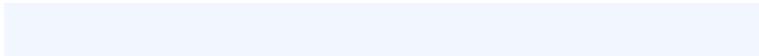
64.3420, 0.3145, 0.3533

Sweetspot

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



64.3447, 0.2883, 0.3040



92.8000, 0.3050, 0.3214



75.2329, 0.2977, 0.3452



19.6526, 0.3039, 0.3203



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.



64.3447, 0.2883, 0.3040



74.5151, 0.2823, 0.2975



58.1535, 0.2903, 0.2879



15.5127, 0.2980, 0.3142



7.7977, 0.1677, 0.1236



0.7944, 0.1753, 0.1512

Inverse Universe

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



61.9406, 0.3309, 0.3138



71.1288, 0.3360, 0.3100



79.0277, 0.3333, 0.3677



15.1514, 0.3232, 0.3198



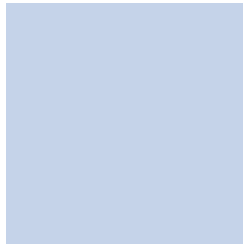
10.2800, 0.5415, 0.2757



0.8256, 0.5044, 0.2552

Previews

White Background



This preview shows how the Yxy color 64.3420, 0.2883, 0.3040 looks on a white background.

Color Contrast Check

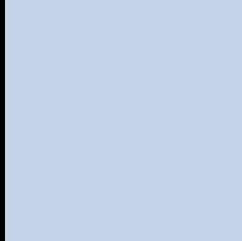
Large Text (above 18pt) WCAG AA × Fail

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 64.3420, 0.2883, 0.3040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

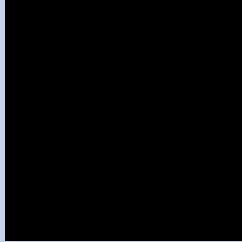
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

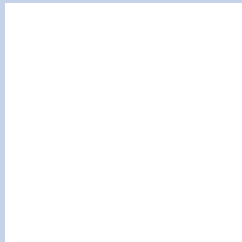
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.3420, 0.2883, 0.3040

Background



This preview shows how black text looks on a background with the Yxy color 64.3420, 0.2883, 0.3040.



This preview shows how white text looks on a background with the Yxy color 64.3420, 0.2883, 0.3040.

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

64.3420, 0.2883, 0.3040

Protanopia

64.1467, 0.2965, 0.3032

Deuteranopia

64.0317, 0.3024, 0.2962



Tritanopia

64.4799, 0.2902, 0.3095

Trichromacy



Original Color

64.3420, 0.2883, 0.3040

Protanomaly

64.1236, 0.2930, 0.3031

Deuteranomaly

64.2678, 0.2966, 0.2991

Tritanomaly

64.5359, 0.2896, 0.3084

Monochromacy



Original Color

64.3420, 0.2883, 0.3040

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.1343, 0.3036, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.3420, 0.2883, 0.3040 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(197, 211, 233)` looks like.

```
.text, #text, p{  
    color:rgb(197, 211, 233)  
}
```

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(197, 211, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 211, 233) }
```

Border

The CSS property to change the border of an element to Yxy 64.3420, 0.2883, 0.3040 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(197, 211, 233) }
```

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

```
.border{ border-color:rgb(197, 211, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 211, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 211, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 211, 233);  
box-shadow:4px 4px 4px 4px rgb(197, 211,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 64.3420, 0.2883, 0.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 211, 233) }
```

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

```
.background{ background-color: rgb(197,  
211, 233) }
```

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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