

Converting Colors

Yxy(64.6419, 0.2876, 0.3095)

Have a look what the booklet for
Yxy(64.6419, 0.2876, 0.3095)
contains.

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Color

Yxy(64.6391, 0.2876, 0.3095)

Conversions

Conversions Part 1

Format	Color
Hex	C1D5E6
RGB	193, 213, 230
RGB Percent	76%, 84%, 90%
CMY	0.2431, 0.1647, 0.0982
CMYK	0.16, 0.07, 0.00, 0.10
HSL	208°, 42%, 83%
HSV	208°, 16%, 90%
XYZ	60.0653, 64.6391, 84.1457
YIQ	208.9580, -17.3770, 1.0470

Conversions

Conversions Part 2

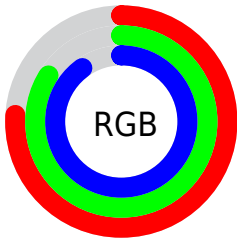
Format	Color
R _Y B	193, 206, 230
Decimal	12703206
CIE Lab	84.30, -3.24, -10.61
CIE LCh	84, 11.094, 253.003
Yxy	64.6391, 0.2876, 0.3095
Android (android.graphics.Color)	4290893286 (0xFFC1D5E6)
YUV	208.9580, 10.3737, -13.9952
Hunter-Lab	80.3984, -7.3408, -5.7745

Details

The Yxy color **64.6391, 0.2876, 0.3095** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.7394, 0.3402, 0.3478**, and the grayscale version is **63.6718, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **33.0378, 0.2809, 0.3032** is the 20% darker color. If you saturate the color by 10%, you get **56.7150, 0.2715, 0.2956**, and if you desaturate by 10%, it is **73.3837, 0.3034, 0.3220**.

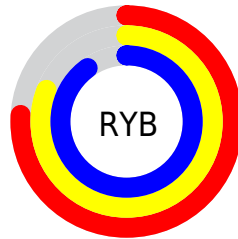
Distribution



Red (76%)

Green (84%)

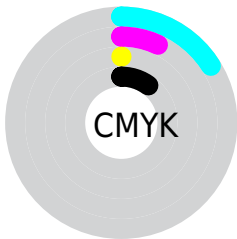
Blue (90%)



Red (76%)

Yellow (81%)

Blue (90%)

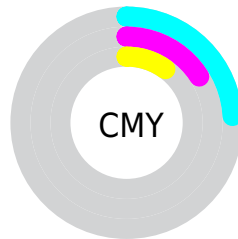


Cyan (16%)

Magenta (7%)

Yellow (0%)

Black (10%)



Cyan (24%)

Magenta (16%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.6391, 0.2876, 0.3095 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 64.6391, 0.2876, 0.3095 by changing the saturation by 10% instead.

■ 64.6391, 0.2876,
0.3095

■ 64.6391, 0.2876,
0.3095

441.4939, 0.2994,
0.3188

■ 47.1685, 0.2849,
0.3073

■ 111.5308, 0.2917,
0.3128

■ 33.1689, 0.2815,
0.3046

141.7208, 0.2933,
0.3140

■ 22.2558, 0.2771,
0.3011

176.9192, 0.2947,
0.3151

■ 14.0450, 0.2714,
0.2965

217.5107, 0.2959,
0.3160

■ 8.1520, 0.2635,
0.2900

263.8795, 0.2969,
0.3168

■ 4.1924, 0.2519,
0.2804

316.4100, 0.2978,

■ 1.7817, 0.2333,

0.3176

0.2647

375.4867, 0.2987,
0.3182

0.4758, 0.1743,
0.2223

0.0000, 0.0000,
0.0000

64.6391, 0.2876,
0.3095

64.6391, 0.2876,
0.3095

56.7150, 0.2715,
0.2956

73.3837, 0.3034,
0.3220

49.5752, 0.2554,
0.2805

82.9673, 0.3186,
0.3333

43.1923, 0.2397,
0.2642

92.0676, 0.3285,
0.3434

37.5340, 0.2248,
0.2470

98.4911, 0.3274,
0.3533

■ 32.5649, 0.2113,
0.2291

■ 28.2459, 0.1996,
0.2110

■ 24.5320, 0.1901,
0.1932

■ 21.3693, 0.1829,
0.1761

■ 20.2455, 0.1804,
0.1696

Harmonies

Analogous

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



64.6391, 0.2863, 0.3189



64.6391, 0.2876, 0.3095



64.6391, 0.2955, 0.3055

Triad

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



64.6391, 0.2876, 0.3095



64.6391, 0.3339, 0.3262



64.6391, 0.3169, 0.3516

Complementary

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



64.6391, 0.2876, 0.3095



66.7394, 0.3402, 0.3478

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.



64.6391, 0.3299, 0.3532



64.6391, 0.2876, 0.3095



64.6391, 0.3399, 0.3382

Square

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



64.6391, 0.2876, 0.3095



64.6391, 0.3221, 0.3151



64.6391, 0.3384, 0.3481



64.6391, 0.3031, 0.3435

Rectangle

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



64.6391, 0.2876, 0.3095



64.6391, 0.3035, 0.3063



64.6391, 0.3384, 0.3481



64.6391, 0.3216, 0.3529

Sweetspot

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



64.6418, 0.2876, 0.3095



93.9864, 0.3050, 0.3233



72.5460, 0.3005, 0.3524



19.9407, 0.3039, 0.3224



0.0000, 0.0000, 0.0000



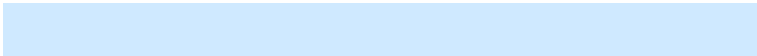
21.4041, 0.3127, 0.3290

Same Dimension

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



64.6418, 0.2876, 0.3095



78.5711, 0.2827, 0.3054



56.0123, 0.2867, 0.2880



15.1732, 0.2981, 0.3179



11.7135, 0.1812, 0.1722



1.0509, 0.1880, 0.1969

Inverse Universe

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



59.7626, 0.3274, 0.3071



71.5382, 0.3306, 0.3028



76.2176, 0.3371, 0.3669



14.4978, 0.3208, 0.3163



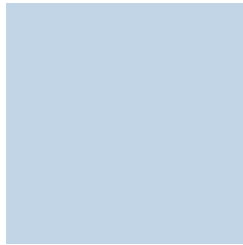
10.3802, 0.4780, 0.2407



0.7858, 0.4488, 0.2246

Previews

White Background



This preview shows how the Yxy color 64.6391, 0.2876, 0.3095 looks on a white background.

Color Contrast Check

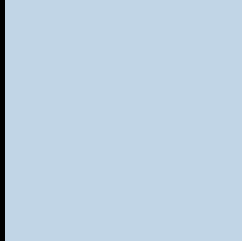
Large Text (above 18pt) WCAG AA × Fail

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 64.6391, 0.2876, 0.3095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

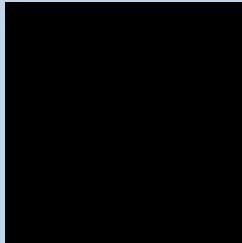
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

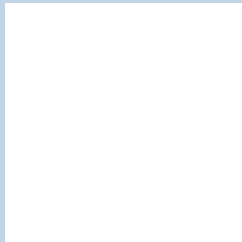
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.6391, 0.2876, 0.3095

Background



This preview shows how black text looks on a background with the Yxy color 64.6391, 0.2876, 0.3095.



This preview shows how white text looks on a background with the Yxy color 64.6391, 0.2876, 0.3095.

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

64.6391, 0.2876, 0.3095

Protanopia

64.7023, 0.3005, 0.3088

Deuteranopia

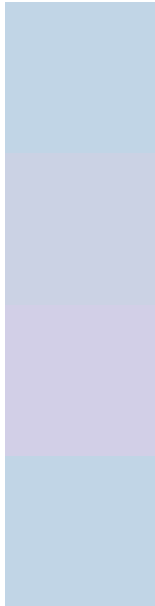
64.2276, 0.3052, 0.2985



Tritanopia

64.6391, 0.2876, 0.3095

Trichromacy



Original Color

64.6391, 0.2876, 0.3095

Protanomaly

64.3911, 0.2956, 0.3086

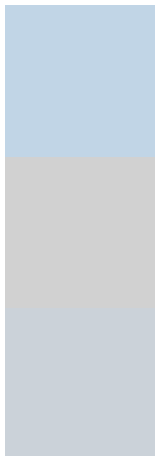
Deuteranomaly

64.0968, 0.2986, 0.3023

Tritanomaly

64.6391, 0.2876, 0.3095

Monochromacy



Original Color

64.6391, 0.2876, 0.3095

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.7995, 0.3028, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.6391, 0.2876, 0.3095 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(193, 213, 230)` looks like.

```
.text, #text, p{  
    color:rgb(193, 213, 230)  
}
```

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(193, 213, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 213, 230) }
```

Border

The CSS property to change the border of an element to Yxy 64.6391, 0.2876, 0.3095 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(193, 213, 230) }
```

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

```
.border{ border-color:rgb(193, 213, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 213, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 213, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 213, 230);  
box-shadow:4px 4px 4px 4px rgb(193, 213,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 64.6391, 0.2876, 0.3095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 213, 230) }
```

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

```
.background{ background-color: rgb(193,  
213, 230) }
```

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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