

Converting Colors

$Yxy(65.9817, 0.2865, 0.2907)$

Have a look what the booklet for
Yxy(65.9817, 0.2865, 0.2907)
contains.

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Color

Yxy(65.8076, 0.2870, 0.2906)

Conversions

Conversions Part 1

Format	Color
Hex	CED2F5
RGB	206, 210, 245
RGB Percent	81%, 82%, 96%
CMY	0.1919, 0.1765, 0.0393
CMYK	0.16, 0.14, 0.00, 0.04
HSL	234°, 66%, 88%
HSV	234°, 16%, 96%
XYZ	64.9924, 65.8076, 95.6543
YIQ	212.7940, -13.6190, 10.0370

Conversions

Conversions Part 2

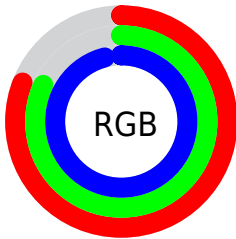
Format	Color
R _Y B	206, 210, 245
Decimal	13554421
CIE Lab	84.90, 5.59, -17.59
CIE LCh	85, 18.454, 287.642
Yxy	65.8076, 0.2870, 0.2906
Android (android.graphics.Color)	4291744501 (0xFFCED2F5)
YUV	212.7940, 15.8776, -5.9583
Hunter-Lab	81.1219, 1.0454, -13.1260

Details

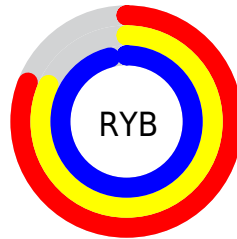
The Yxy color **65.8076, 0.2870, 0.2906** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.8174, 0.3372, 0.3647**, and the grayscale version is **66.3004, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.0304, 0.2801, 0.2817** is the 20% darker color. If you saturate the color by 10%, you get **52.4341, 0.2686, 0.2625**, and if you desaturate by 10%, it is **81.2300, 0.3037, 0.3157**.

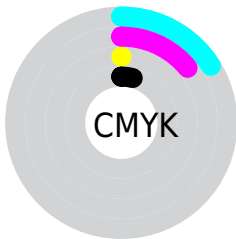
Distribution



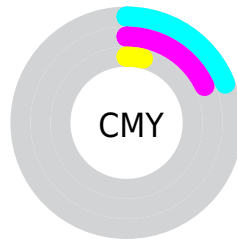
- Red (81%)
- Green (82%)
- Blue (96%)



- Red (81%)
- Yellow (82%)
- Blue (96%)



- Cyan (16%)
- Magenta (14%)
- Yellow (0%)
- Black (4%)



- Cyan (19%)
- Magenta (18%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.8076, 0.2870, 0.2906 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 65.8076, 0.2870, 0.2906 by changing the saturation by 10% instead.

■ 65.8076, 0.2870,
0.2906

■ 65.8076, 0.2870,
0.2906

445.6885, 0.2991,
0.3084

■ 48.1162, 0.2842,
0.2866

113.2101, 0.2912,
0.2968

■ 33.9189, 0.2807,
0.2816

143.6901, 0.2929,
0.2992

■ 22.8313, 0.2762,
0.2752

179.2017, 0.2943,
0.3012

■ 14.4690, 0.2704,
0.2670

220.1294, 0.2955,
0.3030

■ 8.4476, 0.2623,
0.2559

266.8575, 0.2966,
0.3046

■ 4.3827, 0.2505,
0.2400

319.7705, 0.2975,

■ 1.8898, 0.2319,

0.3060

0.2156

379.2527, 0.2984,
0.3073

0.5423, 0.1980,
0.1647

0.0000, 0.0000,
0.0000

65.8076, 0.2870,
0.2906

65.8076, 0.2870,
0.2906

52.4341, 0.2686,
0.2625

81.2300, 0.3037,
0.3157

41.0153, 0.2487,
0.2317

98.7629, 0.3186,
0.3377

31.4619, 0.2280,
0.1991

99.3720, 0.3185,
0.3386

23.6742, 0.2076,
0.1659

■ 17.5433, 0.1886,
0.1343

■ 12.9481, 0.1725,
0.1064

■ 9.7509, 0.1606,
0.0844

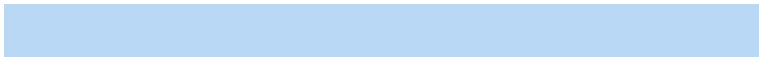
■ 7.7881, 0.1534,
0.0696

■ 7.2754, 0.1516,
0.0655

Harmonies

Analogous

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



65.8076, 0.2729, 0.2951



65.8076, 0.2870, 0.2906



65.8076, 0.3083, 0.2957

Triad

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



65.8076, 0.2870, 0.2906



65.8076, 0.3583, 0.3464



65.8076, 0.2934, 0.3505

Complementary

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



65.8076, 0.2870, 0.2906



86.8174, 0.3372, 0.3647

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.



65.8076, 0.3158, 0.3656



65.8076, 0.2870, 0.2906



65.8076, 0.3537, 0.3622

Square

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



65.8076, 0.2870, 0.2906



65.8076, 0.3501, 0.3270



65.8076, 0.3380, 0.3697



65.8076, 0.2765, 0.3293

Rectangle

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



65.8076, 0.2870, 0.2906



65.8076, 0.3240, 0.3037



65.8076, 0.3380, 0.3697



65.8076, 0.3005, 0.3565

Sweetspot

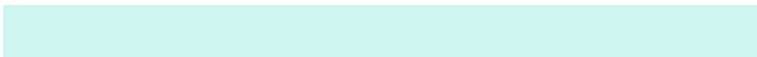
The Sweet Spot groups the original color and five complimentary colors.



65.8103, 0.2870, 0.2906



90.5643, 0.3051, 0.3177



84.7476, 0.2911, 0.3338



19.1108, 0.3040, 0.3161



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.



65.8103, 0.2870, 0.2906



67.2276, 0.2814, 0.2821



66.1335, 0.2972, 0.2875



16.1956, 0.2979, 0.3070



4.0100, 0.1519, 0.0669



0.4406, 0.1559, 0.0814

Inverse Universe

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



68.2353, 0.3399, 0.3250



70.3931, 0.3465, 0.3241



86.5925, 0.3265, 0.3698



16.5097, 0.3278, 0.3266



10.5042, 0.6284, 0.3236



0.9321, 0.6048, 0.3105

Previews

White Background



This preview shows how the Yxy color 65.8076, 0.2870, 0.2906 looks on a white background.

Color Contrast Check

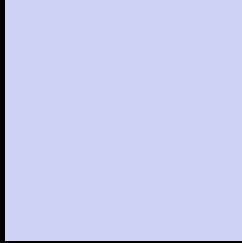
Large Text (above 18pt) WCAG AA × Fail

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 65.8076, 0.2870, 0.2906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

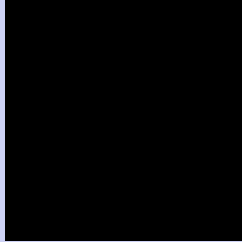
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.8076, 0.2870, 0.2906

Background



This preview shows how black text looks on a background with the Yxy color 65.8076, 0.2870, 0.2906.



This preview shows how white text looks on a background with the Yxy color 65.8076, 0.2870, 0.2906.

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

65.8076, 0.2870, 0.2906

Protanopia

65.8076, 0.2870, 0.2906

Deuteranopia

65.8784, 0.2931, 0.2870



Tritanopia

65.9422, 0.2950, 0.3109

Trichromacy



Original Color

65.8076, 0.2870, 0.2906

Protanomaly

65.8076, 0.2870, 0.2906

Deuteranomaly

65.7626, 0.2903, 0.2878

Tritanomaly

65.9225, 0.2919, 0.3033

Monochromacy



Original Color

65.8076, 0.2870, 0.2906

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.2248, 0.3025, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8076, 0.2870, 0.2906 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(206, 210, 245)` looks like.

```
.text, #text, p{  
    color:rgb(206, 210, 245)  
}
```

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(206, 210, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 210, 245) }
```

Border

The CSS property to change the border of an element to Yxy 65.8076, 0.2870, 0.2906 is called "border". The border property can be set on classes, ids or directly on the HTML element.

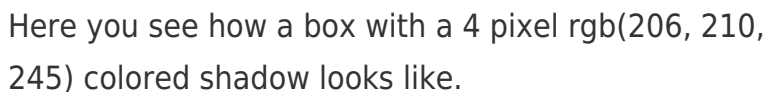
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 210, 245) }
```

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

```
.border{ border-color:rgb(206, 210, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 210, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 210, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 210, 245); box-shadow:4px 4px 4px 4px rgb(206, 210, 245) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8076, 0.2870, 0.2906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 210, 245) }
```

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

```
.background{ background-color: rgb(206,  
210, 245) }
```

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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