

Converting Colors

$Yxy(60.9210, 0.2877, 0.2936)$

Have a look what the booklet for
Yxy(60.9210, 0.2877, 0.2936)
contains.

Yxy(60.7158, 0.2874, 0.2926)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.7158, 0.2874, 0.2926)

Conversions

Conversions Part 1

Format	Color
Hex	C6CBEB
RGB	198, 203, 235
RGB Percent	78%, 80%, 92%
CMY	0.2235, 0.2039, 0.0785
CMYK	0.16, 0.14, 0.00, 0.08
HSL	232°, 48%, 85%
HSV	232°, 16%, 92%
XYZ	59.6368, 60.7158, 87.1519
YIQ	205.1530, -13.2520, 8.8920

Conversions

Conversions Part 2

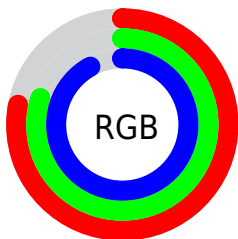
Format	Color
R _Y B	198, 202, 235
Decimal	13028331
CIE Lab	82.23, 4.66, -16.34
CIE LCh	82, 16.994, 285.930
Yxy	60.7158, 0.2874, 0.2926
Android (android.graphics.Color)	4291218411 (0xFFC6CBEB)
YUV	205.1530, 14.7146, -6.2732
Hunter-Lab	77.9203, 0.2554, -11.7701

Details

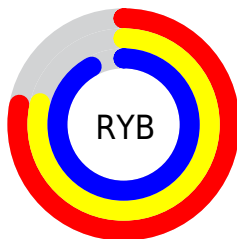
The Yxy color **60.7158, 0.2874, 0.2926** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.3103, 0.3371, 0.3630**, and the grayscale version is **61.0646, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.6789, 0.2813, 0.2840** is the 20% darker color. If you saturate the color by 10%, you get **48.7934, 0.2692, 0.2657**, and if you desaturate by 10%, it is **74.3959, 0.3040, 0.3166**.

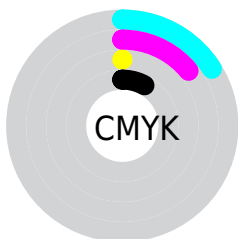
Distribution



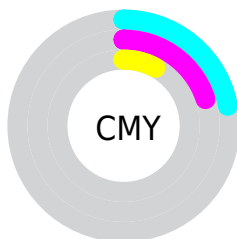
- Red (78%)
- Green (80%)
- Blue (92%)



- Red (78%)
- Yellow (79%)
- Blue (92%)



- Cyan (16%)
- Magenta (14%)
- Yellow (0%)
- Black (8%)



- Cyan (22%)
- Magenta (20%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.7158, 0.2874, 0.2926 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 60.7158, 0.2874, 0.2926 by changing the saturation by 10% instead.

■ 60.7158, 0.2874,
0.2926

■ 60.7158, 0.2874,
0.2926

427.2312, 0.2995,
0.3097

■ 43.9958, 0.2846,
0.2886

105.8673, 0.2917,
0.2986

■ 30.6672, 0.2810,
0.2837

135.0677, 0.2933,
0.3009

■ 20.3456, 0.2764,
0.2774

169.1970, 0.2947,
0.3029

■ 12.6465, 0.2703,
0.2691

208.6396, 0.2959,
0.3046

■ 7.1856, 0.2618,
0.2577

253.7799, 0.2970,
0.3061

■ 3.5784, 0.2491,
0.2410

305.0024, 0.2979,

■ 1.4407, 0.2284,

0.3075

0.2146

362.6913, 0.2987,
0.3087

0.2464, 0.1675,
0.1186

0.0000, 0.0000,
0.0000

60.7158, 0.2874,
0.2926

60.7158, 0.2874,
0.2926

48.7934, 0.2692,
0.2657

74.3959, 0.3040,
0.3166

38.5500, 0.2497,
0.2363

89.8933, 0.3188,
0.3376

29.9118, 0.2295,
0.2049

98.7766, 0.3244,
0.3483

22.7968, 0.2094,
0.1728

■ 17.1154, 0.1907,
0.1417

■ 12.7686, 0.1746,
0.1136

■ 9.6444, 0.1624,
0.0906

■ 7.6115, 0.1547,
0.0741

■ 7.0196, 0.1525,
0.0691

Harmonies

Analogous

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



60.7158, 0.2745, 0.2975



60.7158, 0.2874, 0.2926



60.7158, 0.3073, 0.2969

Triad

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



60.7158, 0.2874, 0.2926



60.7158, 0.3557, 0.3446



60.7158, 0.2955, 0.3503

Complementary

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



60.7158, 0.2874, 0.2926



78.3103, 0.3371, 0.3630

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.



60.7158, 0.3169, 0.3640



60.7158, 0.2874, 0.2926



60.7158, 0.3521, 0.3598

Square

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



60.7158, 0.2874, 0.2926



60.7158, 0.3473, 0.3261



60.7158, 0.3377, 0.3673



60.7158, 0.2791, 0.3305

Rectangle

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



60.7158, 0.2874, 0.2926



60.7158, 0.3221, 0.3042



60.7158, 0.3377, 0.3673



60.7158, 0.3024, 0.3558

Sweetspot

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



60.7183, 0.2874, 0.2926



90.8286, 0.3051, 0.3182



77.0883, 0.2921, 0.3351



19.1747, 0.3040, 0.3166



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.



60.7183, 0.2874, 0.2926



68.0644, 0.2815, 0.2839



60.2262, 0.2965, 0.2879



14.8777, 0.2980, 0.3080



4.0129, 0.1530, 0.0707



0.4195, 0.1585, 0.0906

Inverse Universe

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



62.3590, 0.3385, 0.3236



70.4776, 0.3452, 0.3224



79.0133, 0.3272, 0.3692



15.0873, 0.3272, 0.3258



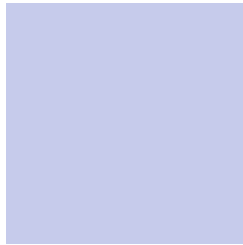
9.8979, 0.6221, 0.3201



0.7878, 0.5902, 0.3025

Previews

White Background



This preview shows how the Yxy color 60.7158, 0.2874, 0.2926 looks on a white background.

Color Contrast Check

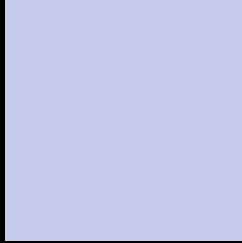
Large Text (above 18pt) WCAG AA × Fail

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 60.7158, 0.2874, 0.2926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

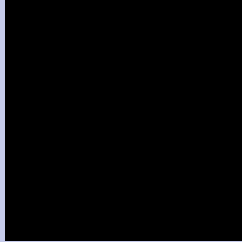
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.7158, 0.2874, 0.2926

Background



This preview shows how black text looks on a background with the Yxy color 60.7158, 0.2874, 0.2926.



This preview shows how white text looks on a background with the Yxy color 60.7158, 0.2874, 0.2926.

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

60.7158, 0.2874, 0.2926

Protanopia

60.8521, 0.2881, 0.2926

Deuteranopia

60.4583, 0.2944, 0.2878



Tritanopia

60.6723, 0.2945, 0.3092

Trichromacy



Original Color

60.7158, 0.2874, 0.2926

Protanomaly

60.8521, 0.2881, 0.2926

Deuteranomaly

60.3438, 0.2916, 0.2886

Tritanomaly

60.6021, 0.2919, 0.3024

Monochromacy



Original Color

60.7158, 0.2874, 0.2926

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.7002, 0.3029, 0.3151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7158, 0.2874, 0.2926 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, 203, 235)` looks like.

```
.text, #text, p{  
    color:rgb(198, 203, 235)  
}
```

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, 203, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 203, 235) }
```

Border

The CSS property to change the border of an element to Yxy 60.7158, 0.2874, 0.2926 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, 203, 235) }
```

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

```
.border{ border-color:rgb(198, 203, 235) }
```

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

Here you see how a box with a 4 pixel rgb(198, 203, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 203, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 203, 235);  
box-shadow:4px 4px 4px 4px rgb(198, 203,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7158, 0.2874, 0.2926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 203, 235) }
```

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

```
.background{ background-color: rgb(198,  
203, 235) }
```

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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