

Converting Colors

Yxy(59.8601, 0.2798, 0.2962)

Have a look what the booklet for
Yxy(59.8601, 0.2798, 0.2962)
contains.

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Color

Yxy(59.8601, 0.2798, 0.2962)

Conversions

Conversions Part 1

Format	Color
Hex	B9CDE9
RGB	185, 205, 233
RGB Percent	73%, 80%, 91%
CMY	0.2746, 0.1960, 0.0861
CMYK	0.21, 0.12, 0.00, 0.09
HSL	215°, 52%, 82%
HSV	215°, 21%, 91%
XYZ	56.5458, 59.8601, 85.6877
YIQ	202.2120, -20.9080, 4.4680

Conversions

Conversions Part 2

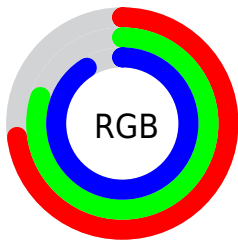
Format	Color
R _Y B	185, 199, 233
Decimal	12176873
CIE Lab	81.76, -0.86, -16.09
CIE LCh	82, 16.118, 266.925
Yxy	59.8601, 0.2798, 0.2962
Android (android.graphics.Color)	4290366953 (0xFFB9CDE9)
YUV	202.2120, 15.1785, -15.0949
Hunter-Lab	77.3693, -4.9386, -11.5060

Details

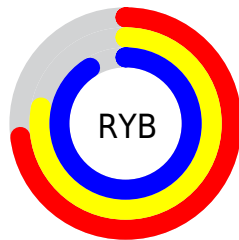
The Yxy color $59.8601, 0.2798, 0.2962$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $68.4201, 0.3479, 0.3597$, and the grayscale version is $59.1149, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.6172, 0.3047, 0.3290$, and $30.1328, 0.2716, 0.2886$ is the 20% darker color. If you saturate the color by 10%, you get $50.9762, 0.2628, 0.2776$, and if you desaturate by 10%, it is $69.7886, 0.2962, 0.3131$.

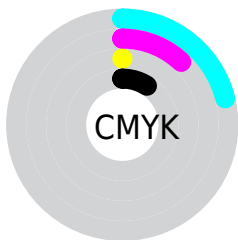
Distribution



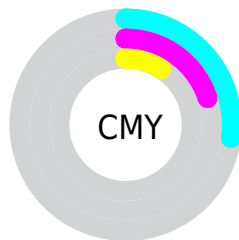
- Red (73%)
- Green (80%)
- Blue (91%)



- Red (73%)
- Yellow (78%)
- Blue (91%)



- Cyan (21%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)



- Cyan (27%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.8601, 0.2798, 0.2962 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 59.8601, 0.2798, 0.2962 by changing the saturation by 10% instead.

■ 59.8601, 0.2798,
0.2962

■ 59.8601, 0.2798,
0.2962

424.0819, 0.2954,
0.3118

■ 43.3059, 0.2761,
0.2925

■ 104.6267, 0.2853,
0.3017

■ 30.1252, 0.2716,
0.2879

133.6079, 0.2874,
0.3038

■ 19.9336, 0.2657,
0.2820

167.5001, 0.2892,
0.3056

■ 12.3468, 0.2579,
0.2742

206.6879, 0.2908,
0.3072

■ 6.9803, 0.2471,
0.2632

251.5556, 0.2922,
0.3086

■ 3.4498, 0.2311,
0.2470

302.4875, 0.2934,

■ 1.3708, 0.2054,

0.3098

0.2209

359.8682, 0.2945,
0.3109

0.1951, 0.0940,
0.1116

0.0000, 0.0000,
0.0000

59.8601, 0.2798,
0.2962

59.8601, 0.2798,
0.2962

50.9762, 0.2628,
0.2776

69.7886, 0.2962,
0.3131

43.0921, 0.2456,
0.2573

80.7897, 0.3118,
0.3281

36.1704, 0.2287,
0.2356

92.8994, 0.3264,
0.3415

30.1682, 0.2126,
0.2130

98.6650, 0.3256,
0.3502

■ 25.0383, 0.1981,
0.1901

■ 20.7288, 0.1857,
0.1677

■ 17.1795, 0.1759,
0.1467

■ 14.4590, 0.1691,
0.1287

Harmonies

Analogous

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



59.8601, 0.2733, 0.3063



59.8601, 0.2798, 0.2962



59.8601, 0.2950, 0.2948

Triad

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



59.8601, 0.2798, 0.2962



59.8601, 0.3498, 0.3328



59.8601, 0.3091, 0.3585

Complementary

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



59.8601, 0.2798, 0.2962



68.4201, 0.3479, 0.3597

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.



59.8601, 0.3297, 0.3656



59.8601, 0.2798, 0.2962



59.8601, 0.3537, 0.3498

Square

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



59.8601, 0.2798, 0.2962



59.8601, 0.3356, 0.3155



59.8601, 0.3462, 0.3620



59.8601, 0.2898, 0.3427

Rectangle

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



59.8601, 0.2798, 0.2962



59.8601, 0.3083, 0.2986



59.8601, 0.3462, 0.3620



59.8601, 0.3161, 0.3620

Sweetspot

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



59.8625, 0.2798, 0.2962



91.6514, 0.3035, 0.3202



73.3713, 0.2938, 0.3531



19.4290, 0.3024, 0.3192



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.



59.8625, 0.2798, 0.2962



68.3796, 0.2722, 0.2880



51.2875, 0.2805, 0.2723



15.5806, 0.2980, 0.3149



8.4338, 0.1699, 0.1315



0.8483, 0.1774, 0.1587

Inverse Universe

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



56.4254, 0.3372, 0.3070



63.6834, 0.3440, 0.3019



78.5923, 0.3415, 0.3808



15.1582, 0.3227, 0.3192



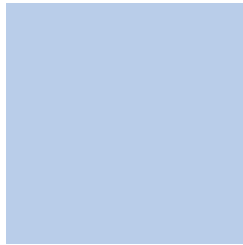
10.3442, 0.5306, 0.2696



0.8310, 0.4948, 0.2499

Previews

White Background



This preview shows how the Yxy color 59.8601, 0.2798, 0.2962 looks on a white background.

Color Contrast Check

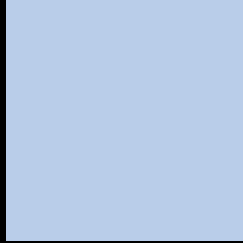
Large Text (above 18pt) WCAG AA × Fail

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 59.8601, 0.2798, 0.2962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

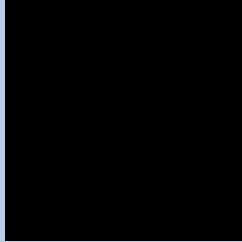
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

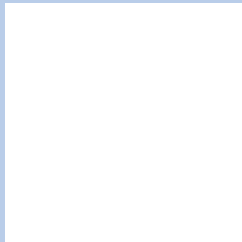
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.8601, 0.2798, 0.2962

Background



This preview shows how black text looks on a background with the Yxy color 59.8601, 0.2798, 0.2962.



This preview shows how white text looks on a background with the Yxy color 59.8601, 0.2798, 0.2962.

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

59.8601, 0.2798, 0.2962

Protanopia

59.5486, 0.2899, 0.2946

Deuteranopia

59.7386, 0.2950, 0.2887



Tritanopia

60.0206, 0.2848, 0.3099

Trichromacy



Original Color

59.8601, 0.2798, 0.2962

Protanomaly

59.4047, 0.2857, 0.2943

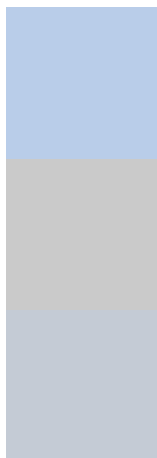
Deuteranomaly

59.9932, 0.2893, 0.2915

Tritanomaly

59.8790, 0.2829, 0.3041

Monochromacy



Original Color

59.8601, 0.2798, 0.2962

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.2517, 0.3005, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8601, 0.2798, 0.2962 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(185, 205, 233)` looks like.

```
.text, #text, p{  
    color:rgb(185, 205, 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(185, 205, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 205, 233) }
```

Border

The CSS property to change the border of an element to Yxy 59.8601, 0.2798, 0.2962 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(185, 205, 233) }
```

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

```
.border{ border-color:rgb(185, 205, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 205, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 205, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 205, 233);  
box-shadow:4px 4px 4px 4px rgb(185, 205,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8601, 0.2798, 0.2962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 205, 233) }
```

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

```
.background{ background-color: rgb(185,  
205, 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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