

Converting Colors

$Yxy(58.5841, 0.2785, 0.2998)$

Have a look what the booklet for
Yxy(58.5841, 0.2785, 0.2998)
contains.

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Color

Yxy(58.4266, 0.2782, 0.2992)

Conversions

Conversions Part 1

Format	Color
Hex	B3CCE5
RGB	179, 204, 229
RGB Percent	70%, 80%, 90%
CMY	0.2980, 0.2000, 0.1021
CMYK	0.22, 0.11, 0.00, 0.10
HSL	210°, 49%, 80%
HSV	210°, 22%, 90%
XYZ	54.3258, 58.4266, 82.5237
YIQ	199.3750, -22.9250, 2.4750

Conversions

Conversions Part 2

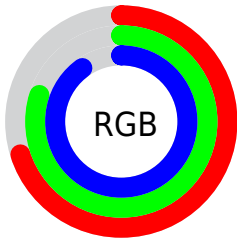
Format	Color
R _Y B	179, 196, 229
Decimal	11783397
CIE Lab	80.98, -3.05, -15.15
CIE LCh	81, 15.454, 258.616
Yxy	58.4266, 0.2782, 0.2992
Android (android.graphics.Color)	4289973477 (0xFFB3CCE5)
YUV	199.3750, 14.6051, -17.8689
Hunter-Lab	76.4373, -6.9011, -10.5049

Details

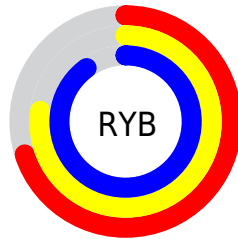
The Yxy color **58.4266, 0.2782, 0.2992** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.0899, 0.3511, 0.3571**, and the grayscale version is **57.2765, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **29.2287, 0.2687, 0.2908** is the 20% darker color. If you saturate the color by 10%, you get **50.6805, 0.2618, 0.2832**, and if you desaturate by 10%, it is **67.0303, 0.2943, 0.3137**.

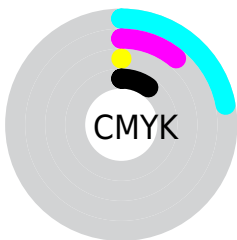
Distribution



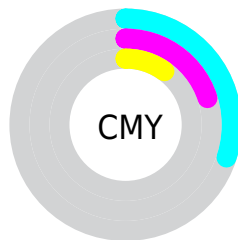
- Red (70%)
- Green (80%)
- Blue (90%)



- Red (70%)
- Yellow (77%)
- Blue (90%)



- Cyan (22%)
- Magenta (11%)
- Yellow (0%)
- Black (10%)



- Cyan (30%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.4266, 0.2782, 0.2992 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 58.4266, 0.2782, 0.2992 by changing the saturation by 10% instead.

■ 58.4266, 0.2782,
0.2992

■ 58.4266, 0.2782,
0.2992

418.7737, 0.2946,
0.3135

■ 42.1517, 0.2743,
0.2958

■ 102.5438, 0.2840,
0.3043

■ 29.2201, 0.2695,
0.2915

131.1549, 0.2862,
0.3062

■ 19.2474, 0.2633,
0.2860

164.6469, 0.2881,
0.3079

■ 11.8492, 0.2550,
0.2786

203.4042, 0.2898,
0.3093

■ 6.6411, 0.2435,
0.2681

247.8111, 0.2912,
0.3106

■ 3.2387, 0.2264,
0.2525

298.2520, 0.2925,

■ 1.2576, 0.1988,

0.3117

0.2265

355.1114, 0.2936,
0.3127

0.1080, 0.0212,
0.0813

0.0000, 0.0000,
0.0000

58.4266, 0.2782,
0.2992

58.4266, 0.2782,
0.2992

50.6805, 0.2618,
0.2832

67.0303, 0.2943,
0.3137

43.7540, 0.2454,
0.2659

76.5137, 0.3100,
0.3268

37.6164, 0.2296,
0.2474

86.9065, 0.3248,
0.3384

32.2320, 0.2149,
0.2281

95.1537, 0.3285,
0.3493

■ 27.5615, 0.2018,
0.2084

■ 98.4357, 0.3280,
0.3542

■ 23.5607, 0.1907,
0.1889

■ 20.1781, 0.1820,
0.1701

■ 17.8081, 0.1765,
0.1555

Harmonies

Analogous

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



58.4266, 0.2746, 0.3111



58.4266, 0.2782, 0.2992



58.4266, 0.2908, 0.2954

Triad

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



58.4266, 0.2782, 0.2992



58.4266, 0.3456, 0.3280



58.4266, 0.3148, 0.3604

Complementary

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



58.4266, 0.2782, 0.2992



63.0899, 0.3511, 0.3571

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.



58.4266, 0.3342, 0.3644



58.4266, 0.2782, 0.2992



58.4266, 0.3524, 0.3449

Square

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



58.4266, 0.2782, 0.2992



58.4266, 0.3298, 0.3118



58.4266, 0.3481, 0.3584



58.4266, 0.2953, 0.3471

Rectangle

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



58.4266, 0.2782, 0.2992



58.4266, 0.3029, 0.2976



58.4266, 0.3481, 0.3584



58.4266, 0.3216, 0.3629

Sweetspot

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



58.4290, 0.2782, 0.2992



91.2091, 0.3019, 0.3202



69.9302, 0.2953, 0.3597



19.3660, 0.3009, 0.3194



0.0000, 0.0000, 0.0000



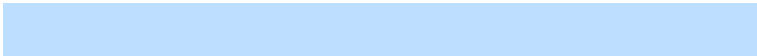
21.4041, 0.3127, 0.3290

Same Dimension

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



58.4290, 0.2782, 0.2992



70.1684, 0.2711, 0.2924



47.8237, 0.2760, 0.2693



15.0722, 0.2981, 0.3169



10.4252, 0.1773, 0.1582



0.9562, 0.1846, 0.1846

Inverse Universe

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



53.2610, 0.3354, 0.3011



62.7926, 0.3411, 0.2953



75.4745, 0.3457, 0.3825



14.4876, 0.3214, 0.3173



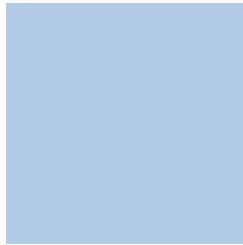
10.2501, 0.4953, 0.2502



0.7762, 0.4630, 0.2324

Previews

White Background



This preview shows how the Yxy color 58.4266, 0.2782, 0.2992 looks on a white background.

Color Contrast Check

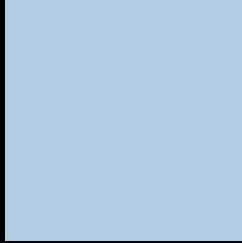
Large Text (above 18pt) WCAG AA × Fail

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 58.4266, 0.2782, 0.2992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

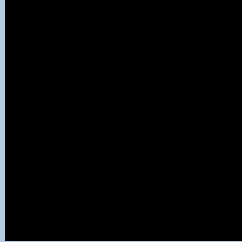
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

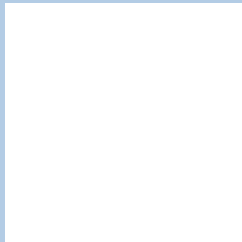
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.4266, 0.2782, 0.2992

Background



This preview shows how black text looks on a background with the Yxy color 58.4266, 0.2782, 0.2992.



This preview shows how white text looks on a background with the Yxy color 58.4266, 0.2782, 0.2992.

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

58.4266, 0.2782, 0.2992

Protanopia

58.2082, 0.2924, 0.2977

Deuteranopia

58.3712, 0.2956, 0.2894



Tritanopia

58.4015, 0.2819, 0.3084

Trichromacy



Original Color

58.4266, 0.2782, 0.2992

Protanomaly

58.2665, 0.2868, 0.2985

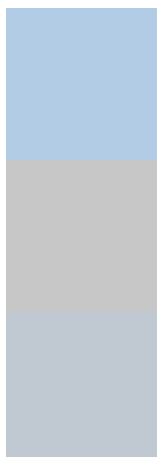
Deuteranomaly

58.2958, 0.2890, 0.2932

Tritanomaly

58.5639, 0.2800, 0.3049

Monochromacy



Original Color

58.4266, 0.2782, 0.2992

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.6329, 0.2996, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4266, 0.2782, 0.2992 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(179, 204, 229)` looks like.

```
.text, #text, p{  
    color:rgb(179, 204, 229)  
}
```

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(179, 204, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 204, 229) }
```

Border

The CSS property to change the border of an element to Yxy 58.4266, 0.2782, 0.2992 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(179, 204, 229) }
```

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

```
.border{ border-color:rgb(179, 204, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 204, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 204, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 204, 229);  
box-shadow:4px 4px 4px 4px rgb(179, 204,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4266, 0.2782, 0.2992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 204, 229) }
```

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

```
.background{ background-color: rgb(179,  
204, 229) }
```

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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