

Converting Colors

$Y_{xy}(58.9363, 0.2625, 0.2685)$

Have a look what the booklet for
Yxy(58.9363, 0.2625, 0.2685)
contains.

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Color

Yxy(58.9260, 0.2622, 0.2686)

Conversions

Conversions Part 1

Format	Color
Hex	B2CAFF
RGB	178, 202, 255
RGB Percent	70%, 79%, 100%
CMY	0.3021, 0.2078, 0.0001
CMYK	0.30, 0.21, 0.00, 0.00
HSL	221°, 100%, 85%
HSV	221°, 30%, 100%
XYZ	57.5220, 58.9260, 102.9340
YIQ	200.8660, -31.3170, 11.3950

Conversions

Conversions Part 2

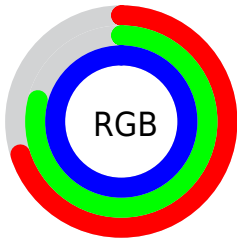
Format	Color
R _Y B	178, 196, 255
Decimal	11717375
CIE Lab	81.25, 3.74, -28.62
CIE LCh	81, 28.859, 277.456
Yxy	58.9260, 0.2622, 0.2686
Android (android.graphics.Color)	4289907455 (0xFFB2CAFF)
YUV	200.8660, 26.6881, -20.0535
Hunter-Lab	76.7633, -0.5782, -25.7693

Details

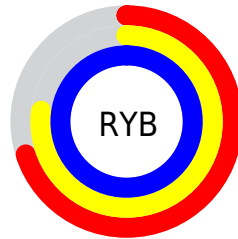
The Yxy color **58.9260, 0.2622, 0.2686** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.5844, 0.3651, 0.3827**, and the grayscale version is **58.1652, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **29.4680, 0.2496, 0.2540** is the 20% darker color. If you saturate the color by 10%, you get **48.4201, 0.2439, 0.2444**, and if you desaturate by 10%, it is **70.9322, 0.2799, 0.2908**.

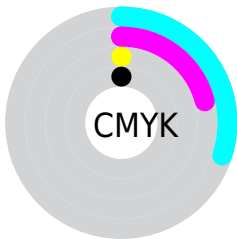
Distribution



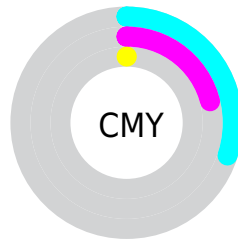
- Red (70%)
- Green (79%)
- Blue (100%)



- Red (70%)
- Yellow (77%)
- Blue (100%)



- Cyan (30%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.9260, 0.2622, 0.2686 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 58.9260, 0.2622, 0.2686 by changing the saturation by 10% instead.

■ 58.9260, 0.2622,
0.2686

■ 58.9260, 0.2622,
0.2686

420.6276, 0.2861,
0.2969

■ 42.5536, 0.2567,
0.2621

■ 103.2701, 0.2706,
0.2784

■ 29.5350, 0.2498,
0.2541

132.0106, 0.2738,
0.2823

■ 19.4859, 0.2410,
0.2440

165.6425, 0.2766,
0.2855

■ 12.0219, 0.2296,
0.2309

204.5502, 0.2790,
0.2884

■ 6.7586, 0.2140,
0.2132

249.1182, 0.2811,
0.2909

■ 3.3116, 0.1919,
0.1884

299.7309, 0.2830,

■ 1.2965, 0.1587,

0.2931

0.1520

356.7725, 0.2846,
0.2951

0.1385, 0.0727,
0.0452

0.0000, 0.0000,
0.0000

58.9260, 0.2622,
0.2686

58.9260, 0.2622,
0.2686

48.4201, 0.2439,
0.2444

70.9322, 0.2799,
0.2908

39.3452, 0.2256,
0.2186

84.4902, 0.2968,
0.3109

31.6368, 0.2080,
0.1920

99.6574, 0.3124,
0.3287

25.2218, 0.1920,
0.1655

99.9989, 0.3127,
0.3290

■ 20.0194, 0.1784,
0.1404

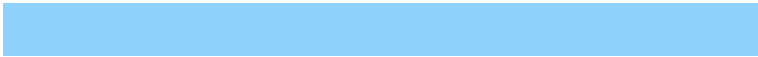
■ 15.9374, 0.1680,
0.1180

■ 12.9007, 0.1610,
0.0994

Harmonies

Analogous

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



58.9260, 0.2456, 0.2799



58.9260, 0.2622, 0.2686



58.9260, 0.2926, 0.2722

Triad

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



58.9260, 0.2622, 0.2686



58.9260, 0.3849, 0.3453



58.9260, 0.2926, 0.3749

Complementary

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



58.9260, 0.2622, 0.2686



81.5844, 0.3651, 0.3827

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.



58.9260, 0.3296, 0.3942



58.9260, 0.2622, 0.2686



58.9260, 0.3841, 0.3738

Square

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



58.9260, 0.2622, 0.2686



58.9260, 0.3648, 0.3148



58.9260, 0.3634, 0.3927



58.9260, 0.2622, 0.3410

Rectangle

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



58.9260, 0.2622, 0.2686



58.9260, 0.3175, 0.2820



58.9260, 0.3634, 0.3927



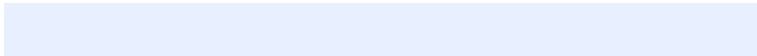
58.9260, 0.3046, 0.3834

Sweetspot

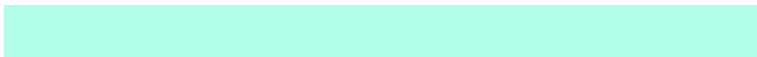
The Sweet Spot groups the original color and five complimentary colors.



58.9283, 0.2622, 0.2686



86.2439, 0.2987, 0.3131



86.7165, 0.2811, 0.3559



18.0103, 0.2963, 0.3104



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.



58.9283, 0.2622, 0.2686



52.6678, 0.2516, 0.2548



50.2642, 0.2687, 0.2424



18.3031, 0.2979, 0.3122



6.9750, 0.1618, 0.1023



0.8643, 0.1679, 0.1244

Inverse Universe

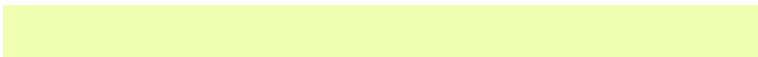
The Inverse Universe completely reimagines the original color for something new.



57.3493, 0.3597, 0.3042



51.3253, 0.3724, 0.2992



93.3985, 0.3489, 0.4073



18.0805, 0.3245, 0.3216



11.4321, 0.5725, 0.2927



1.1318, 0.5405, 0.2751

Previews

White Background



This preview shows how the Yxy color 58.9260, 0.2622, 0.2686 looks on a white background.

Color Contrast Check

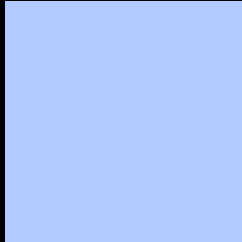
Large Text (above 18pt) WCAG AA × Fail

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 58.9260, 0.2622, 0.2686 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

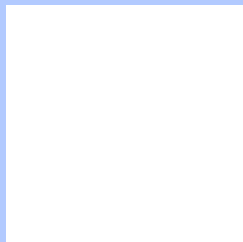
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.9260, 0.2622, 0.2686

Background



This preview shows how black text looks on a background with the Yxy color 58.9260, 0.2622, 0.2686.



This preview shows how white text looks on a background with the Yxy color 58.9260, 0.2622, 0.2686.

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

58.9260, 0.2622, 0.2686

Protanopia

58.6301, 0.2693, 0.2681

Deuteranopia

58.9456, 0.2713, 0.2655



Tritanopia

59.1515, 0.2763, 0.3095

Trichromacy



Original Color

58.9260, 0.2622, 0.2686

Protanomaly

58.6547, 0.2663, 0.2679

Deuteranomaly

58.7582, 0.2682, 0.2661

Tritanomaly

59.1394, 0.2715, 0.2945

Monochromacy



Original Color

58.9260, 0.2622, 0.2686

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.3312, 0.2929, 0.3054

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9260, 0.2622, 0.2686 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(178, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(178, 202, 255)  
}
```

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(178, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 202, 255) }
```

Border

The CSS property to change the border of an element to Yxy 58.9260, 0.2622, 0.2686 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(178, 202, 255) }
```

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

```
.border{ border-color:rgb(178, 202, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 202, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(178, 202,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9260, 0.2622, 0.2686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 202, 255) }
```

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

```
.background{ background-color: rgb(178,  
202, 255) }
```

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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