

Converting Colors

$Yxy(62.5846, 0.2605, 0.2647)$

Have a look what the booklet for
Yxy(62.5846, 0.2605, 0.2647)
contains.

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Color

Yxy(61.9129, 0.2659, 0.2749)

Conversions

Conversions Part 1

Format	Color
Hex	B7CFFF
RGB	183, 207, 255
RGB Percent	72%, 81%, 100%
CMY	0.2825, 0.1882, 0.0000
CMYK	0.28, 0.19, 0.00, 0.00
HSL	220°, 100%, 86%
HSV	220°, 28%, 100%
XYZ	59.8859, 61.9129, 103.4209
YIQ	205.2960, -29.7120, 9.8400

Conversions

Conversions Part 2

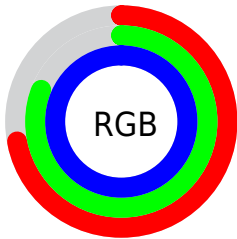
Format	Color
R_{YB}	183, 201, 255
Decimal	12046335
CIE _{Lab}	82.87, 2.49, -26.14
CIE _{LCh}	83, 26.256, 275.452
Yxy	61.9129, 0.2659, 0.2749
Android (android.graphics.Color)	4290236415 (0xFFB7CFFF)
YUV	205.2960, 24.5041, -19.5536
Hunter-Lab	78.6848, -1.8443, -22.8497

Details

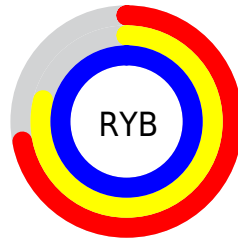
The Yxy color **61.9129, 0.2659, 0.2749** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.7975, 0.3617, 0.3777**, and the grayscale version is **61.0994, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **31.4489, 0.2544, 0.2625** is the 20% darker color. If you saturate the color by 10%, you get **51.2730, 0.2479, 0.2519**, and if you desaturate by 10%, it is **74.0064, 0.2834, 0.2960**.

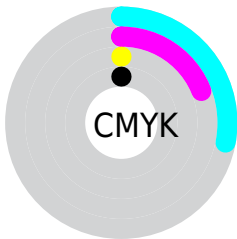
Distribution



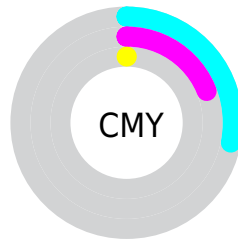
- Red (72%)
- Green (81%)
- Blue (100%)



- Red (72%)
- Yellow (79%)
- Blue (100%)



- Cyan (28%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9129, 0.2659, 0.2749 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 61.9129, 0.2659, 0.2749 by changing the saturation by 10% instead.

■ 61.9129, 0.2659,
0.2749

■ 61.9129, 0.2659,
0.2749

431.6133, 0.2879,
0.3001

■ 44.9623, 0.2608,
0.2691

■ 107.5996, 0.2736,
0.2837

■ 31.4278, 0.2546,
0.2620

137.1046, 0.2765,
0.2871

■ 20.9248, 0.2466,
0.2530

171.5631, 0.2791,
0.2900

■ 13.0690, 0.2362,
0.2413

211.3596, 0.2813,
0.2926

■ 7.4761, 0.2221,
0.2255

256.8785, 0.2833,
0.2948

■ 3.7616, 0.2020,
0.2033

308.5041, 0.2850,

■ 1.5411, 0.1718,

0.2968

0.1703

366.6210, 0.2865,
0.2985

0.3174, 0.1058,
0.0926

0.0000, 0.0000,
0.0000

61.9129, 0.2659,
0.2749

61.9129, 0.2659,
0.2749

51.2730, 0.2479,
0.2519

74.0064, 0.2834,
0.2960

42.0254, 0.2298,
0.2271

87.6058, 0.2999,
0.3150

34.1083, 0.2123,
0.2014

100.0000, 0.3127,
0.3290

27.4535, 0.1961,
0.1755

■ 21.9855, 0.1823,
0.1505

■ 17.6192, 0.1713,
0.1276

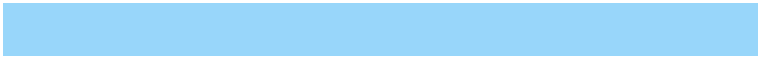
■ 14.2473, 0.1636,
0.1079

■ 13.7403, 0.1624,
0.1047

Harmonies

Analogous

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



61.9129, 0.2517, 0.2863



61.9129, 0.2659, 0.2749



61.9129, 0.2927, 0.2771

Triad

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



61.9129, 0.2659, 0.2749



61.9129, 0.3766, 0.3421



61.9129, 0.2969, 0.3714

Complementary

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



61.9129, 0.2659, 0.2749



81.7975, 0.3617, 0.3777

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.



61.9129, 0.3302, 0.3875



61.9129, 0.2659, 0.2749



61.9129, 0.3773, 0.3680

Square

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



61.9129, 0.2659, 0.2749



61.9129, 0.3576, 0.3147



61.9129, 0.3599, 0.3854



61.9129, 0.2689, 0.3421

Rectangle

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



61.9129, 0.2659, 0.2749



61.9129, 0.3148, 0.2855



61.9129, 0.3599, 0.3854



61.9129, 0.3079, 0.3787

Sweetspot

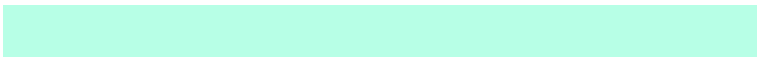
The Sweet Spot groups the original color and five complimentary colors.



61.9138, 0.2659, 0.2749



87.9688, 0.3003, 0.3154



87.2831, 0.2841, 0.3567



18.3687, 0.2979, 0.3127



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.



61.9138, 0.2659, 0.2749



55.6240, 0.2556, 0.2619



52.5071, 0.2704, 0.2484



18.3687, 0.2979, 0.3127



7.4237, 0.1633, 0.1077



0.9143, 0.1695, 0.1300

Inverse Universe

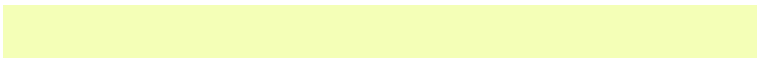
The Inverse Universe completely reimagines the original color for something new.



59.6147, 0.3544, 0.3043



53.4189, 0.3661, 0.2990



94.2048, 0.3483, 0.4017



18.0871, 0.3241, 0.3211



11.4774, 0.5645, 0.2883



1.1368, 0.5327, 0.2708

Previews

White Background



This preview shows how the Yxy color 61.9129, 0.2659, 0.2749 looks on a white background.

Color Contrast Check

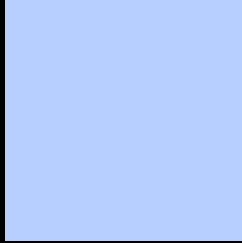
Large Text (above 18pt) WCAG AA × Fail

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 61.9129, 0.2659, 0.2749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

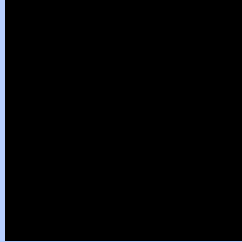
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

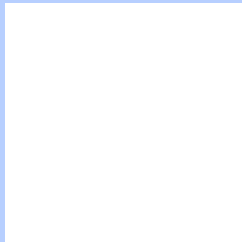
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.9129, 0.2659, 0.2749

Background



This preview shows how black text looks on a background with the Yxy color 61.9129, 0.2659, 0.2749.



This preview shows how white text looks on a background with the Yxy color 61.9129, 0.2659, 0.2749.

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

61.9129, 0.2659, 0.2749

Protanopia

61.8797, 0.2744, 0.2746

Deuteranopia

61.7404, 0.2764, 0.2709



Tritanopia

62.0912, 0.2776, 0.3088

Trichromacy



Original Color

61.9129, 0.2659, 0.2749

Protanomaly

61.8948, 0.2713, 0.2744

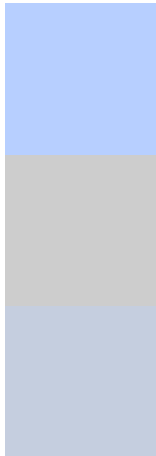
Deuteranomaly

61.8751, 0.2726, 0.2725

Tritanomaly

61.8499, 0.2734, 0.2963

Monochromacy



Original Color

61.9129, 0.2659, 0.2749

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.3406, 0.2945, 0.3093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9129, 0.2659, 0.2749 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(183, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(183, 207, 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(183, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 207, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.9129, 0.2659, 0.2749 is called "border". The border property can be set on classes, ids or directly on the HTML element.

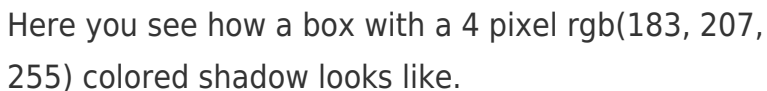
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 207, 255) }
```

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

```
.border{ border-color:rgb(183, 207, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(183, 207,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9129, 0.2659, 0.2749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 207, 255) }
```

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

```
.background{ background-color: rgb(183,  
207, 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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