

Converting Colors

Yxy(67.0463, 0.2575, 0.2639)

Have a look what the booklet for
Yxy(67.0463, 0.2575, 0.2639)
contains.

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Color

Yxy(65.6274, 0.2680, 0.2832)

Conversions

Conversions Part 1

Format	Color
Hex	B9D6FF
RGB	185, 214, 255
RGB Percent	73%, 84%, 100%
CMY	0.2745, 0.1608, 0.0000
CMYK	0.27, 0.16, 0.00, 0.00
HSL	215°, 100%, 86%
HSV	215°, 27%, 100%
XYZ	62.1050, 65.6274, 104.0027
YIQ	210.0030, -30.4450, 6.6030

Conversions

Conversions Part 2

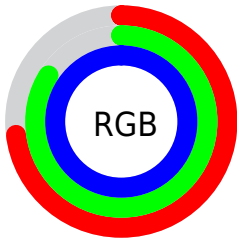
Format	Color
R_{YB}	185, 206, 255
Decimal	12179199
CIE _{Lab}	84.81, -0.63, -23.16
CIE _{LCh}	85, 23.171, 268.437
Yxy	65.6274, 0.2680, 0.2832
Android (android.graphics.Color)	4290369279 (0xFFB9D6FF)
YUV	210.0030, 22.1835, -21.9276
Hunter-Lab	81.0107, -4.9259, -19.4098

Details

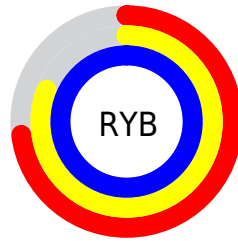
The Yxy color **65.6274, 0.2680, 0.2832** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **79.1582, 0.3616, 0.3708**, and the grayscale version is **64.3196, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **33.6193, 0.2571, 0.2719** is the 20% darker color. If you saturate the color by 10%, you get **55.5205, 0.2507, 0.2632**, and if you desaturate by 10%, it is **77.0012, 0.2849, 0.3015**.

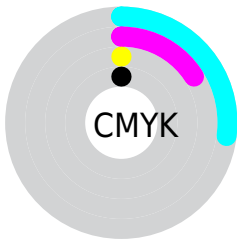
Distribution



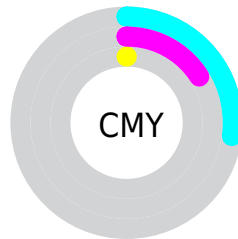
- Red (73%)
- Green (84%)
- Blue (100%)



- Red (73%)
- Yellow (81%)
- Blue (100%)



- Cyan (27%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.6274, 0.2680, 0.2832 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 65.6274, 0.2680, 0.2832 by changing the saturation by 10% instead.

■ 65.6274, 0.2680,
0.2832

■ 65.6274, 0.2680,
0.2832

445.0432, 0.2888,
0.3045

■ 47.9700, 0.2633,
0.2783

■ 112.9514, 0.2752,
0.2906

■ 33.8031, 0.2574,
0.2723

143.3868, 0.2780,
0.2935

■ 22.7424, 0.2500,
0.2647

178.8502, 0.2804,
0.2960

■ 14.4034, 0.2404,
0.2548

219.7262, 0.2825,
0.2981

■ 8.4018, 0.2274,
0.2414

266.3991, 0.2844,
0.3000

■ 4.3531, 0.2091,
0.2224

319.2533, 0.2860,

■ 1.8730, 0.1815,

0.3017

0.1937

378.6732, 0.2875,
0.3032

0.5321, 0.1283,
0.1392

0.0000, 0.0000,
0.0000

65.6274, 0.2680,
0.2832

65.6274, 0.2680,
0.2832

55.5205, 0.2507,
0.2632

77.0012, 0.2849,
0.3015

46.6242, 0.2335,
0.2417

89.6805, 0.3012,
0.3179

38.8884, 0.2170,
0.2191

100.0000, 0.3127,
0.3290

32.2559, 0.2019,
0.1960

■ 26.6635, 0.1887,
0.1732

■ 22.0394, 0.1781,
0.1515

■ 18.2954, 0.1703,
0.1318

■ 17.4536, 0.1686,
0.1270

Harmonies

Analogous

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



65.6274, 0.2586, 0.2961



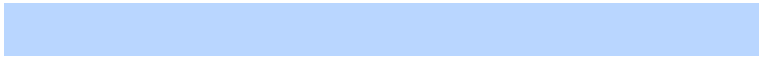
65.6274, 0.2680, 0.2832



65.6274, 0.2892, 0.2822

Triad

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



65.6274, 0.2680, 0.2832



65.6274, 0.3654, 0.3350



65.6274, 0.3058, 0.3699

Complementary

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



65.6274, 0.2680, 0.2832



79.1582, 0.3616, 0.3708

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.



65.6274, 0.3347, 0.3804



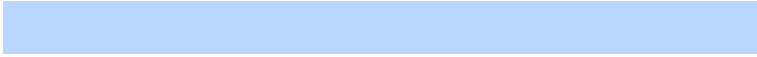
65.6274, 0.2680, 0.2832



65.6274, 0.3699, 0.3583

Square

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



65.6274, 0.2680, 0.2832



65.6274, 0.3459, 0.3114



65.6274, 0.3584, 0.3754



65.6274, 0.2797, 0.3468

Rectangle

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



65.6274, 0.2680, 0.2832



65.6274, 0.3078, 0.2879



65.6274, 0.3584, 0.3754



65.6274, 0.3155, 0.3751

Sweetspot

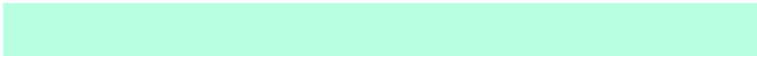
The Sweet Spot groups the original color and five complimentary colors.



65.6299, 0.2680, 0.2832



88.9459, 0.3003, 0.3171



87.3172, 0.2873, 0.3611



18.6139, 0.2979, 0.3147



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.



65.6299, 0.2680, 0.2832



59.8644, 0.2584, 0.2723



52.9767, 0.2686, 0.2503



18.6139, 0.2979, 0.3147



9.3976, 0.1695, 0.1301



1.1244, 0.1756, 0.1523

Inverse Universe

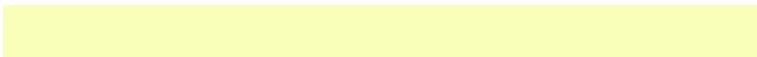
The Inverse Universe completely reimagines the original color for something new.



60.8162, 0.3481, 0.2993



54.7714, 0.3578, 0.2930



95.1936, 0.3504, 0.3988



18.1119, 0.3229, 0.3192



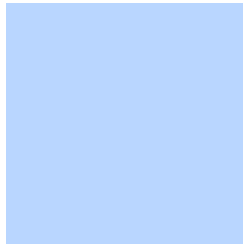
11.6767, 0.5325, 0.2707



1.1581, 0.5029, 0.2544

Previews

White Background



This preview shows how the Yxy color 65.6274, 0.2680, 0.2832 looks on a white background.

Color Contrast Check

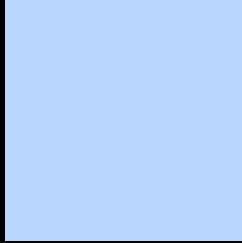
Large Text (above 18pt) WCAG AA × Fail

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 65.6274, 0.2680, 0.2832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

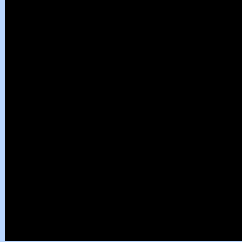
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

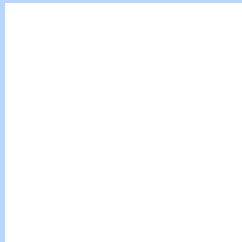
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.6274, 0.2680, 0.2832

Background



This preview shows how black text looks on a background with the Yxy color 65.6274, 0.2680, 0.2832.



This preview shows how white text looks on a background with the Yxy color 65.6274, 0.2680, 0.2832.

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

65.6274, 0.2680, 0.2832

Protanopia

65.3257, 0.2807, 0.2821

Deuteranopia

65.4010, 0.2827, 0.2774



Tritanopia

65.4476, 0.2771, 0.3081

Trichromacy



Original Color

65.6274, 0.2680, 0.2832

Protanomaly

65.4161, 0.2757, 0.2827

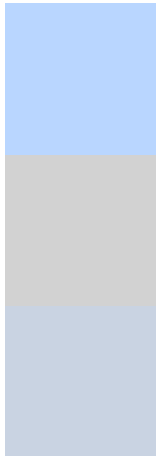
Deuteranomaly

65.5925, 0.2770, 0.2799

Tritanomaly

65.4676, 0.2736, 0.2992

Monochromacy



Original Color

65.6274, 0.2680, 0.2832

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.4970, 0.2955, 0.3119

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.6274, 0.2680, 0.2832 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, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(185, 214, 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(185, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 214, 255) }
```

Border

The CSS property to change the border of an element to Yxy 65.6274, 0.2680, 0.2832 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, 214, 255) }
```

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

```
.border{ border-color:rgb(185, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(185, 214,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6274, 0.2680, 0.2832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 214, 255) }
```

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

```
.background{ background-color: rgb(185,  
214, 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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