

Converting Colors

$Yxy(65.6004, 0.2663, 0.2838)$

Have a look what the booklet for
Yxy(65.6004, 0.2663, 0.2838)
contains.

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Color

Yxy(65.7660, 0.2663, 0.2841)

Conversions

Conversions Part 1

Format	Color
Hex	B6D7FF
RGB	182, 215, 255
RGB Percent	71%, 84%, 100%
CMY	0.2863, 0.1569, 0.0000
CMYK	0.29, 0.16, 0.00, 0.00
HSL	213°, 100%, 86%
HSV	213°, 29%, 100%
XYZ	61.6455, 65.7660, 104.0774
YIQ	209.6930, -32.5080, 5.4440

Conversions

Conversions Part 2

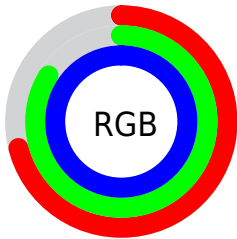
Format	Color
R_{YB}	182, 205, 255
Decimal	11982847
CIE _{Lab}	84.88, -2.01, -23.09
CIE _{LCh}	85, 23.175, 265.023
Yxy	65.7660, 0.2663, 0.2841
Android (android.graphics.Color)	4290172927 (0xFFB6D7FF)
YUV	209.6930, 22.3364, -24.2868
Hunter-Lab	81.0962, -6.2312, -19.3243

Details

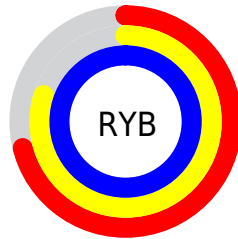
The Yxy color **65.7660, 0.2663, 0.2841** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.8811, 0.3648, 0.3700**, and the grayscale version is **64.1041, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **33.7309, 0.2551, 0.2731** is the 20% darker color. If you saturate the color by 10%, you get **56.1244, 0.2494, 0.2653**, and if you desaturate by 10%, it is **76.5819, 0.2831, 0.3014**.

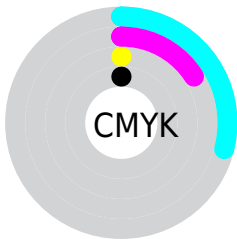
Distribution



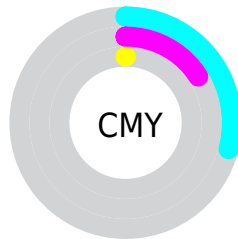
- Red (71%)
- Green (84%)
- Blue (100%)



- Red (71%)
- Yellow (80%)
- Blue (100%)



- Cyan (29%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.7660, 0.2663, 0.2841 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 65.7660, 0.2663, 0.2841 by changing the saturation by 10% instead.

■ 65.7660, 0.2663,
0.2841

■ 65.7660, 0.2663,
0.2841

445.5396, 0.2878,
0.3051

■ 48.0825, 0.2614,
0.2793

■ 113.1504, 0.2738,
0.2914

■ 33.8922, 0.2553,
0.2734

143.6201, 0.2767,
0.2942

■ 22.8108, 0.2477,
0.2658

179.1206, 0.2792,
0.2967

■ 14.4539, 0.2378,
0.2560

220.0363, 0.2814,
0.2988

■ 8.4370, 0.2244,
0.2428

266.7517, 0.2833,
0.3006

■ 4.3758, 0.2056,
0.2239

319.6511, 0.2850,

■ 1.8859, 0.1775,

0.3023

0.1954

379.1189, 0.2865,
0.3038

0.5399, 0.1218,
0.1417

0.0000, 0.0000,
0.0000

65.7660, 0.2663,
0.2841

65.7660, 0.2663,
0.2841

56.1244, 0.2494,
0.2653

76.5819, 0.2831,
0.3014

47.6095, 0.2327,
0.2451

88.6132, 0.2993,
0.3169

40.1724, 0.2168,
0.2240

100.0000, 0.3127,
0.3290

33.7595, 0.2024,
0.2023

■ 28.3108, 0.1900,
0.1808

■ 23.7578, 0.1801,
0.1603

■ 20.0097, 0.1728,
0.1412

■ 19.5434, 0.1719,
0.1387

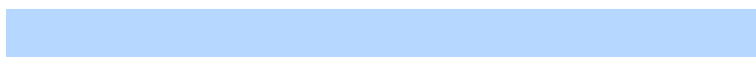
Harmonies

Analogous

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



65.7660, 0.2584, 0.2983



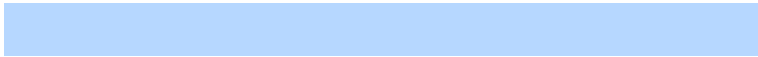
65.7660, 0.2663, 0.2841



65.7660, 0.2863, 0.2818

Triad

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



65.7660, 0.2663, 0.2841



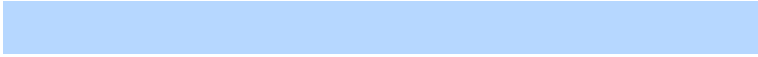
65.7660, 0.3638, 0.3322



65.7660, 0.3091, 0.3719

Complementary

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



65.7660, 0.2663, 0.2841



76.8811, 0.3648, 0.3700

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.



65.7660, 0.3378, 0.3806



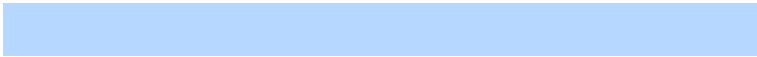
65.7660, 0.2663, 0.2841



65.7660, 0.3702, 0.3559

Square

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



65.7660, 0.2663, 0.2841



65.7660, 0.3429, 0.3089



65.7660, 0.3604, 0.3740



65.7660, 0.2823, 0.3498

Rectangle

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



65.7660, 0.2663, 0.2841



65.7660, 0.3045, 0.2867



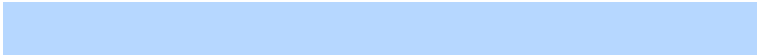
65.7660, 0.3604, 0.3740



65.7660, 0.3189, 0.3765

Sweetspot

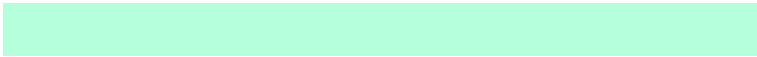
The Sweet Spot groups the original color and five complimentary colors.



65.7666, 0.2663, 0.2841



88.1414, 0.2987, 0.3164



86.6824, 0.2882, 0.3669



18.4761, 0.2964, 0.3142



0.0000, 0.0000, 0.0000



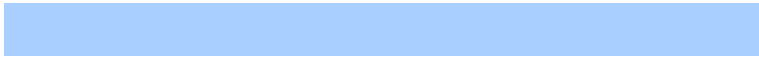
21.4041, 0.3127, 0.3290

Same Dimension

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



65.7666, 0.2663, 0.2841



60.4424, 0.2572, 0.2742



50.9213, 0.2638, 0.2458



18.7301, 0.2979, 0.3156



10.5008, 0.1727, 0.1417



1.2372, 0.1787, 0.1634

Inverse Universe

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



59.6233, 0.3478, 0.2952



53.9053, 0.3567, 0.2886



95.6989, 0.3545, 0.4012



18.1236, 0.3223, 0.3183



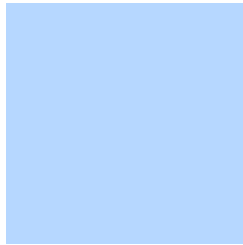
11.7880, 0.5168, 0.2620



1.1694, 0.4888, 0.2466

Previews

White Background



This preview shows how the Yxy color 65.7660, 0.2663, 0.2841 looks on a white background.

Color Contrast Check

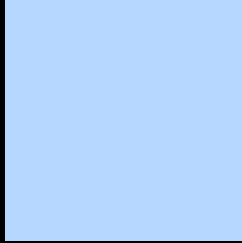
Large Text (above 18pt) WCAG AA × Fail

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 65.7660, 0.2663, 0.2841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

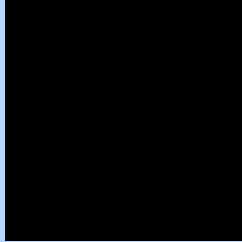
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

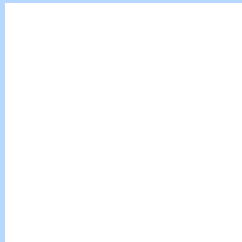
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.7660, 0.2663, 0.2841

Background



This preview shows how black text looks on a background with the Yxy color 65.7660, 0.2663, 0.2841.



This preview shows how white text looks on a background with the Yxy color 65.7660, 0.2663, 0.2841.

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

65.7660, 0.2663, 0.2841

Protanopia

65.7547, 0.2813, 0.2842

Deuteranopia

65.5473, 0.2834, 0.2775



Tritanopia

65.6639, 0.2748, 0.3080

Trichromacy



Original Color

65.7660, 0.2663, 0.2841

Protanomaly

65.7173, 0.2757, 0.2848

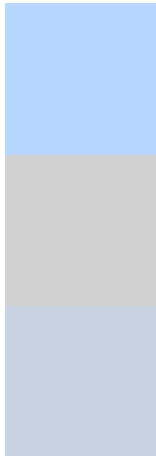
Deuteranomaly

65.5925, 0.2770, 0.2799

Tritanomaly

65.6805, 0.2713, 0.2991

Monochromacy



Original Color

65.7660, 0.2663, 0.2841

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.8573, 0.2948, 0.3130

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7660, 0.2663, 0.2841 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(182, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 215, 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(182, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 215, 255) }
```

Border

The CSS property to change the border of an element to Yxy 65.7660, 0.2663, 0.2841 is called "border". The border property can be set on classes, ids or directly on the HTML element.

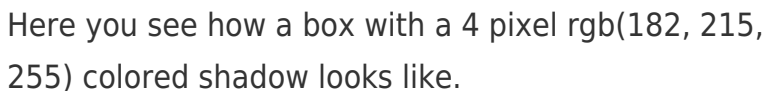
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 215, 255) }
```

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

```
.border{ border-color:rgb(182, 215, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(182, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 215,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7660, 0.2663, 0.2841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 215, 255) }
```

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

```
.background{ background-color: rgb(182,  
215, 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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