

Converting Colors

Yxy(67.2834, 0.2559, 0.2529)

Have a look what the booklet for
Yxy(67.2834, 0.2559, 0.2529)
contains.

Yxy(65.3833, 0.2715, 0.2814)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(65.3833, 0.2715, 0.2814)

Conversions

Conversions Part 1

Format	Color
Hex	BFD4FF
RGB	191, 212, 255
RGB Percent	75%, 83%, 100%
CMY	0.2508, 0.1686, 0.0001
CMYK	0.25, 0.17, 0.00, 0.00
HSL	220°, 100%, 87%
HSV	220°, 25%, 100%
XYZ	63.0830, 65.3833, 103.8837
YIQ	210.6230, -26.3190, 8.9210

Conversions

Conversions Part 2

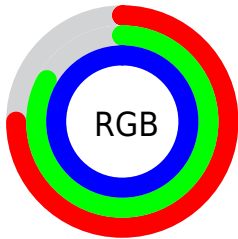
Format	Color
R_{YB}	191, 207, 255
Decimal	12571903
CIE Lab	84.68, 2.17, -23.30
CIE LCh	85, 23.404, 275.327
Yxy	65.3833, 0.2715, 0.2814
Android (android.graphics.Color)	4290761983 (0xFFBFD4FF)
YUV	210.6230, 21.8779, -17.2094
Hunter-Lab	80.8599, -2.2478, -19.5701

Details

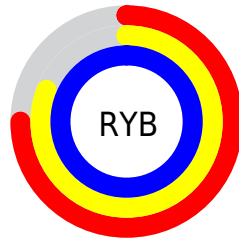
The Yxy color **65.3833, 0.2715, 0.2814** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.8758, 0.3555, 0.3724**, and the grayscale version is **64.7508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **33.7652, 0.2615, 0.2711** is the 20% darker color. If you saturate the color by 10%, you get **54.2427, 0.2536, 0.2587**, and if you desaturate by 10%, it is **78.0142, 0.2887, 0.3020**.

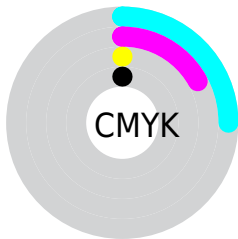
Distribution



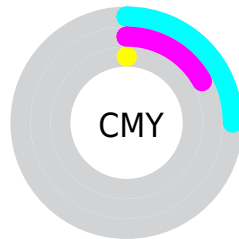
- Red (75%)
- Green (83%)
- Blue (100%)



- Red (75%)
- Yellow (81%)
- Blue (100%)



- Cyan (25%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.3833, 0.2715, 0.2814 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 65.3833, 0.2715, 0.2814 by changing the saturation by 10% instead.

■ 65.3833, 0.2715,
0.2814

■ 65.3833, 0.2715,
0.2814

444.1681, 0.2907,
0.3035

■ 47.7720, 0.2671,
0.2764

■ 112.6007, 0.2782,
0.2891

■ 33.6463, 0.2616,
0.2702

142.9756, 0.2808,
0.2920

■ 22.6220, 0.2547,
0.2624

178.3738, 0.2830,
0.2946

■ 14.3147, 0.2457,
0.2522

219.1797, 0.2850,
0.2968

■ 8.3398, 0.2336,
0.2385

265.7777, 0.2867,
0.2988

■ 4.3132, 0.2162,
0.2193

318.5521, 0.2882,

■ 1.8502, 0.1900,

0.3005

0.1904

377.8875, 0.2895,
0.3021

0.5182, 0.1416,
0.1345

0.0000, 0.0000,
0.0000

65.3833, 0.2715,
0.2814

65.3833, 0.2715,
0.2814

54.2427, 0.2536,
0.2587

78.0142, 0.2887,
0.3020

44.5266, 0.2353,
0.2342

92.1824, 0.3049,
0.3205

36.1754, 0.2175,
0.2085

99.9986, 0.3127,
0.3290

29.1218, 0.2007,
0.1824

■ 23.2919, 0.1860,
0.1568

■ 18.6030, 0.1740,
0.1330

■ 14.9585, 0.1653,
0.1122

■ 13.4944, 0.1620,
0.1032

Harmonies

Analogous

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



65.3833, 0.2590, 0.2917



65.3833, 0.2715, 0.2814



65.3833, 0.2951, 0.2832

Triad

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



65.3833, 0.2715, 0.2814



65.3833, 0.3685, 0.3407



65.3833, 0.2992, 0.3660

Complementary

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



65.3833, 0.2715, 0.2814



83.8758, 0.3555, 0.3724

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.



65.3833, 0.3284, 0.3800



65.3833, 0.2715, 0.2814



65.3833, 0.3693, 0.3634

Square

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



65.3833, 0.2715, 0.2814



65.3833, 0.3518, 0.3164



65.3833, 0.3543, 0.3784



65.3833, 0.2744, 0.3406

Rectangle

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



65.3833, 0.2715, 0.2814



65.3833, 0.3146, 0.2906



65.3833, 0.3543, 0.3784



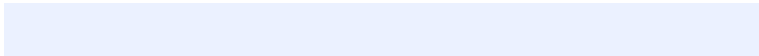
65.3833, 0.3088, 0.3722

Sweetspot

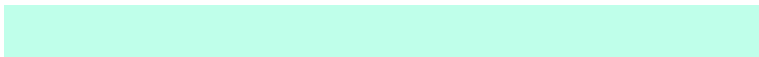
The Sweet Spot groups the original color and five complimentary colors.



65.3859, 0.2715, 0.2814



87.8948, 0.3003, 0.3153



88.5088, 0.2866, 0.3520



18.3501, 0.2979, 0.3126



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.



65.3859, 0.2715, 0.2814



59.7288, 0.2627, 0.2705



57.0113, 0.2767, 0.2587



18.3501, 0.2979, 0.3126



7.2935, 0.1628, 0.1061



0.8999, 0.1690, 0.1284

Inverse Universe

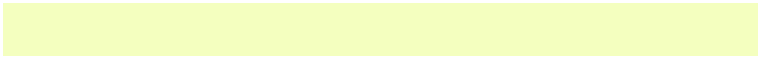
The Inverse Universe completely reimagines the original color for something new.



63.2878, 0.3487, 0.3076



57.6395, 0.3582, 0.3031



94.5601, 0.3436, 0.3934



18.0853, 0.3242, 0.3212



11.4642, 0.5668, 0.2896



1.1354, 0.5349, 0.2720

Previews

White Background



This preview shows how the Yxy color 65.3833, 0.2715, 0.2814 looks on a white background.

Color Contrast Check

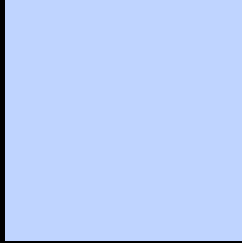
Large Text (above 18pt) WCAG AA × Fail

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 65.3833, 0.2715, 0.2814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

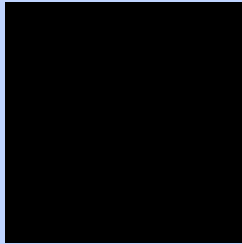
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

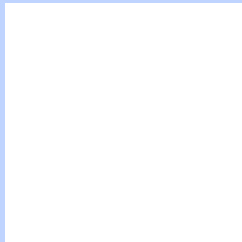
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.3833, 0.2715, 0.2814

Background



This preview shows how black text looks on a background with the Yxy color 65.3833, 0.2715, 0.2814.



This preview shows how white text looks on a background with the Yxy color 65.3833, 0.2715, 0.2814.

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

65.3833, 0.2715, 0.2814

Protanopia

65.2493, 0.2794, 0.2810

Deuteranopia

65.4010, 0.2827, 0.2774



Tritanopia

65.5597, 0.2820, 0.3094

Trichromacy



Original Color

65.3833, 0.2715, 0.2814

Protanomaly

65.2547, 0.2763, 0.2807

Deuteranomaly

65.3775, 0.2782, 0.2789

Tritanomaly

65.6431, 0.2779, 0.2994

Monochromacy



Original Color

65.3833, 0.2715, 0.2814

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.9720, 0.2970, 0.3109

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3833, 0.2715, 0.2814 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(191, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 212, 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(191, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 212, 255) }
```

Border

The CSS property to change the border of an element to Yxy 65.3833, 0.2715, 0.2814 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(191, 212, 255) }
```

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

```
.border{ border-color:rgb(191, 212, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 212, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 212, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 212, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 212,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3833, 0.2715, 0.2814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 212, 255) }
```

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

```
.background{ background-color: rgb(191,  
212, 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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