

Converting Colors

$Yxy(72.0655, 0.2326, 0.2096)$

Have a look what the booklet for
Yxy(72.0655, 0.2326, 0.2096)
contains.

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Color

Yxy(65.5134, 0.2721, 0.2815)

Conversions

Conversions Part 1

Format	Color
Hex	C0D4FF
RGB	192, 212, 255
RGB Percent	75%, 83%, 100%
CMY	0.2471, 0.1686, 0.0001
CMYK	0.25, 0.17, 0.00, 0.00
HSL	221°, 100%, 88%
HSV	221°, 25%, 100%
XYZ	63.3257, 65.5134, 103.8905
YIQ	210.9220, -25.7230, 9.1330

Conversions

Conversions Part 2

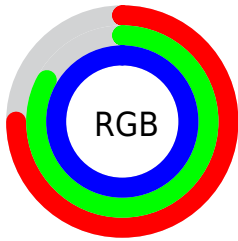
Format	Color
R _Y B	192, 207, 255
Decimal	12637439
CIE Lab	84.75, 2.44, -23.19
CIE LCh	85, 23.321, 276.015
Yxy	65.5134, 0.2721, 0.2815
Android (android.graphics.Color)	4290827519 (0xFFC0D4FF)
YUV	210.9220, 21.7305, -16.5946
Hunter-Lab	80.9403, -1.9916, -19.4431

Details

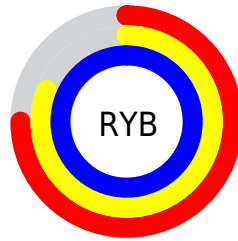
The Yxy color $65.5134, 0.2721, 0.2815$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $84.4494, 0.3546, 0.3723$, and the grayscale version is $64.9538, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.8797, 0.3090, 0.3290$, and $33.8493, 0.2623, 0.2712$ is the 20% darker color. If you saturate the color by 10%, you get $54.2382, 0.2541, 0.2585$, and if you desaturate by 10%, it is $78.3071, 0.2893, 0.3024$.

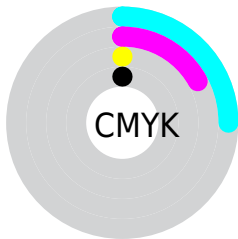
Distribution



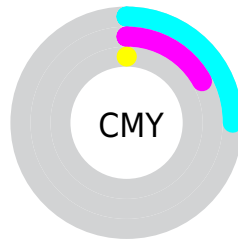
- Red (75%)
- Green (83%)
- Blue (100%)



- 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 65.5134, 0.2721, 0.2815 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 65.5134, 0.2721, 0.2815 by changing the saturation by 10% instead.

■ 65.5134, 0.2721,
0.2815

■ 65.5134, 0.2721,
0.2815

444.6346, 0.2911,
0.3035

■ 47.8775, 0.2678,
0.2765

■ 112.7876, 0.2787,
0.2891

■ 33.7299, 0.2624,
0.2703

143.1948, 0.2813,
0.2921

■ 22.6862, 0.2556,
0.2625

178.6278, 0.2835,
0.2947

■ 14.3619, 0.2467,
0.2524

219.4710, 0.2854,
0.2969

■ 8.3728, 0.2347,
0.2388

266.1090, 0.2871,
0.2988

■ 4.3344, 0.2176,
0.2196

318.9259, 0.2885,

■ 1.8623, 0.1917,

0.3006

0.1909

378.3064, 0.2899,
0.3021

0.5256, 0.1443,
0.1356

0.0000, 0.0000,
0.0000

65.5134, 0.2721,
0.2815

65.5134, 0.2721,
0.2815

54.2382, 0.2541,
0.2585

78.3071, 0.2893,
0.3024

44.4144, 0.2358,
0.2338

92.6671, 0.3055,
0.3210

35.9810, 0.2177,
0.2077

99.9982, 0.3127,
0.3290

28.8696, 0.2008,
0.1812

■ 23.0048, 0.1859,
0.1553

■ 18.3025, 0.1737,
0.1313

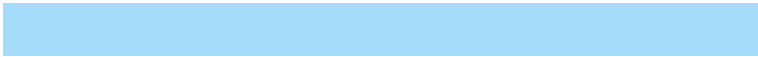
■ 14.6646, 0.1649,
0.1104

■ 13.1101, 0.1613,
0.1008

Harmonies

Analogous

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



65.5134, 0.2593, 0.2915



65.5134, 0.2721, 0.2815



65.5134, 0.2958, 0.2835

Triad

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



65.5134, 0.2721, 0.2815



65.5134, 0.3685, 0.3412



65.5134, 0.2986, 0.3653

Complementary

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



65.5134, 0.2721, 0.2815



84.4494, 0.3546, 0.3723

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.



65.5134, 0.3277, 0.3796



65.5134, 0.2721, 0.2815



65.5134, 0.3688, 0.3637

Square

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



65.5134, 0.2721, 0.2815



65.5134, 0.3522, 0.3170



65.5134, 0.3536, 0.3784



65.5134, 0.2741, 0.3399

Rectangle

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



65.5134, 0.2721, 0.2815



65.5134, 0.3152, 0.2910



65.5134, 0.3536, 0.3784



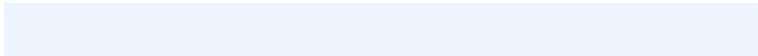
65.5134, 0.3081, 0.3717

Sweetspot

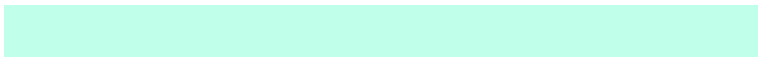
The Sweet Spot groups the original color and five complimentary colors.



65.5160, 0.2721, 0.2815



89.2462, 0.3019, 0.3169



88.6466, 0.2869, 0.3516



18.9118, 0.3009, 0.3158



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.



65.5160, 0.2721, 0.2815



59.3697, 0.2626, 0.2696



57.5386, 0.2773, 0.2599



18.3201, 0.2979, 0.3123



7.0880, 0.1621, 0.1036



0.8770, 0.1683, 0.1258

Inverse Universe

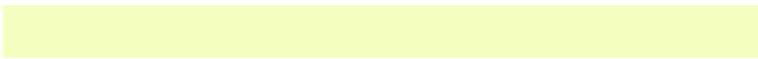
The Inverse Universe completely reimagines the original color for something new.



63.7043, 0.3485, 0.3085



57.6032, 0.3589, 0.3039



94.6256, 0.3431, 0.3924



18.0822, 0.3244, 0.3215



11.4435, 0.5704, 0.2916



1.1331, 0.5385, 0.2740

Previews

White Background



This preview shows how the Yxy color 65.5134, 0.2721, 0.2815 looks on a white background.

Color Contrast Check

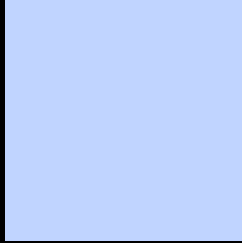
Large Text (above 18pt) WCAG AA × Fail

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 65.5134, 0.2721, 0.2815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

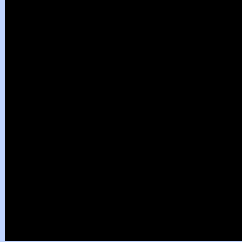
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

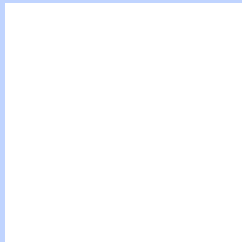
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.5134, 0.2721, 0.2815

Background



This preview shows how black text looks on a background with the Yxy color 65.5134, 0.2721, 0.2815.



This preview shows how white text looks on a background with the Yxy color 65.5134, 0.2721, 0.2815.

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

65.5134, 0.2721, 0.2815

Protanopia

65.2493, 0.2794, 0.2810

Deuteranopia

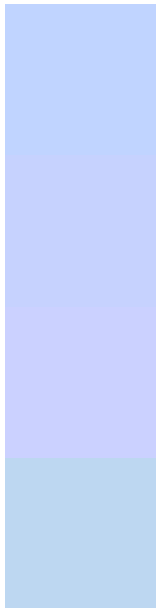
65.5473, 0.2834, 0.2775



Tritanopia

65.6863, 0.2826, 0.3094

Trichromacy



Original Color

65.5134, 0.2721, 0.2815

Protanomaly

65.2547, 0.2763, 0.2807

Deuteranomaly

65.5174, 0.2789, 0.2790

Tritanomaly

65.7706, 0.2785, 0.2995

Monochromacy



Original Color

65.5134, 0.2721, 0.2815

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 65.5134, 0.2721, 0.2815 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(192, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 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(192, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 212, 255) }
```

Border

The CSS property to change the border of an element to Yxy 65.5134, 0.2721, 0.2815 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(192, 212, 255) }
```

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

```
.border{ border-color:rgb(192, 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(192, 212, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 212, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 212, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 212,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5134, 0.2721, 0.2815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 212, 255) }
```

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

```
.background{ background-color: rgb(192,  
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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