

Converting Colors

$Yxy(67.3919, 0.2756, 0.2711)$

Have a look what the booklet for
Yxy(67.3919, 0.2756, 0.2711)
contains.

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Color

Yxy(66.5786, 0.2816, 0.2805)

Conversions

Conversions Part 1

Format	Color
Hex	CFD2FF
RGB	207, 210, 255
RGB Percent	81%, 82%, 100%
CMY	0.1880, 0.1765, 0.0000
CMYK	0.19, 0.18, 0.00, 0.00
HSL	236°, 100%, 91%
HSV	236°, 19%, 100%
XYZ	66.8397, 66.5786, 103.9386
YIQ	214.2330, -16.2330, 13.3590

Conversions

Conversions Part 2

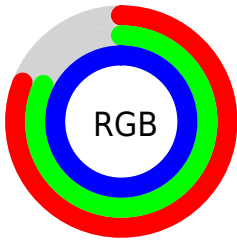
Format	Color
R _Y B	207, 210, 255
Decimal	13619967
CIE Lab	85.29, 8.04, -22.29
CIE LCh	85, 23.691, 289.827
Yxy	66.5786, 0.2816, 0.2805
Android (android.graphics.Color)	4291810047 (0xFFCFD2FF)
YUV	214.2330, 20.0981, -6.3433
Hunter-Lab	81.5957, 3.4270, -18.4080

Details

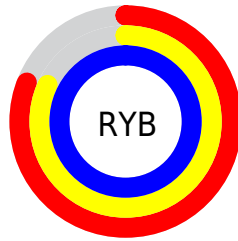
The Yxy color **66.5786, 0.2816, 0.2805** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.4287, 0.3416, 0.3733**, and the grayscale version is **67.2866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.5296, 0.2741, 0.2702** is the 20% darker color. If you saturate the color by 10%, you get **52.2500, 0.2624, 0.2502**, and if you desaturate by 10%, it is **83.2732, 0.2990, 0.3077**.

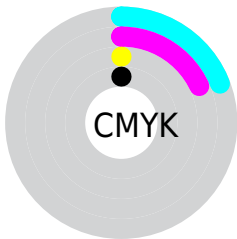
Distribution



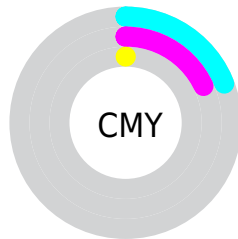
- Red (81%)
- Green (82%)
- Blue (100%)



- Red (81%)
- Yellow (82%)
- Blue (100%)



- Cyan (19%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.5786, 0.2816, 0.2805 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 66.5786, 0.2816, 0.2805 by changing the saturation by 10% instead.

■ 66.5786, 0.2816,
0.2805

■ 66.5786, 0.2816,
0.2805

448.4433, 0.2962,
0.3027

■ 48.7422, 0.2782,
0.2755

114.3164, 0.2867,
0.2882

■ 34.4151, 0.2740,
0.2694

144.9866, 0.2887,
0.2911

■ 23.2126, 0.2687,
0.2616

180.7036, 0.2904,
0.2937

■ 14.7506, 0.2617,
0.2517

221.8517, 0.2919,
0.2960

■ 8.6445, 0.2522,
0.2384

268.8153, 0.2932,
0.2980

■ 4.5101, 0.2385,
0.2198

321.9788, 0.2943,

■ 1.9628, 0.2173,

0.2997

0.1922

381.7267, 0.2953,
0.3013

■ 0.5857, 0.1822,
0.1417

■ 0.0000, 0.0000,
0.0000

■ 66.5786, 0.2816,
0.2805

■ 66.5786, 0.2816,
0.2805

■ 52.2500, 0.2624,
0.2502

■ 83.2732, 0.2990,
0.3077

■ 40.1734, 0.2418,
0.2173

100.0000, 0.3127,
0.3290

■ 30.2365, 0.2207,
0.1830

■ 22.3142, 0.2001,
0.1492

■ 16.2685, 0.1816,
0.1181

■ 11.9441, 0.1667,
0.0924

■ 9.1606, 0.1565,
0.0739

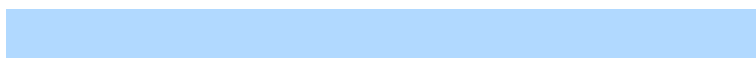
■ 7.6881, 0.1512,
0.0635

■ 7.5792, 0.1508,
0.0627

Harmonies

Analogous

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



66.5786, 0.2631, 0.2850



66.5786, 0.2816, 0.2805



66.5786, 0.3090, 0.2878

Triad

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



66.5786, 0.2816, 0.2805



66.5786, 0.3713, 0.3524



66.5786, 0.2860, 0.3548

Complementary

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



66.5786, 0.2816, 0.2805



95.4287, 0.3416, 0.3733

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.



66.5786, 0.3142, 0.3753



66.5786, 0.2816, 0.2805



66.5786, 0.3641, 0.3722

Square

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



66.5786, 0.2816, 0.2805



66.5786, 0.3620, 0.3280



66.5786, 0.3429, 0.3814



66.5786, 0.2656, 0.3270

Rectangle

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



66.5786, 0.2816, 0.2805



66.5786, 0.3291, 0.2983



66.5786, 0.3429, 0.3814



66.5786, 0.2949, 0.3629

Sweetspot

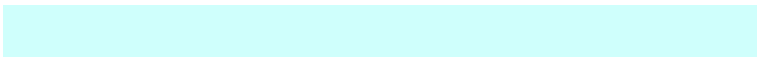
The Sweet Spot groups the original color and five complimentary colors.



66.5810, 0.2816, 0.2805



88.3886, 0.3035, 0.3148



91.8089, 0.2860, 0.3322



18.6599, 0.3025, 0.3132



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.



66.5810, 0.2816, 0.2805



60.2841, 0.2737, 0.2681



68.3378, 0.2956, 0.2793



17.5561, 0.2978, 0.3059



4.0286, 0.1510, 0.0636



0.4521, 0.1534, 0.0722

Inverse Universe

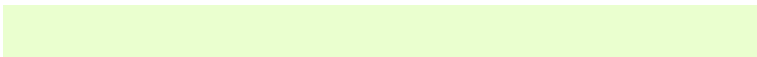
The Inverse Universe completely reimagines the original color for something new.



70.5642, 0.3475, 0.3261



65.0653, 0.3575, 0.3254



93.5578, 0.3275, 0.3781



18.0051, 0.3285, 0.3276



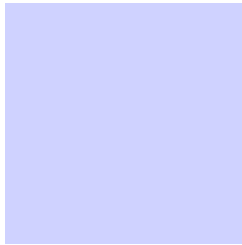
11.1346, 0.6339, 0.3266



1.0902, 0.6197, 0.3187

Previews

White Background



This preview shows how the Yxy color 66.5786, 0.2816, 0.2805 looks on a white background.

Color Contrast Check

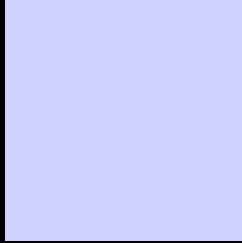
Large Text (above 18pt) WCAG AA × Fail

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 66.5786, 0.2816, 0.2805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

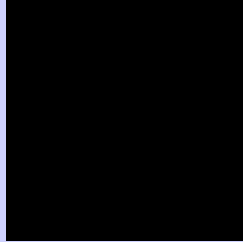
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.5786, 0.2816, 0.2805

Background



This preview shows how black text looks on a background with the Yxy color 66.5786, 0.2816, 0.2805.



This preview shows how white text looks on a background with the Yxy color 66.5786, 0.2816, 0.2805.

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

66.5786, 0.2816, 0.2805

Protanopia

66.6459, 0.2797, 0.2814

Deuteranopia

66.4779, 0.2855, 0.2789



Tritanopia

66.5592, 0.2938, 0.3099

Trichromacy



Original Color

66.5786, 0.2816, 0.2805

Protanomaly

66.7877, 0.2803, 0.2814

Deuteranomaly

66.6698, 0.2842, 0.2798

Tritanomaly

66.7171, 0.2888, 0.2991

Monochromacy



Original Color

66.5786, 0.2816, 0.2805

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.0945, 0.3006, 0.3113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5786, 0.2816, 0.2805 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(207, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 210, 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(207, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 210, 255) }
```

Border

The CSS property to change the border of an element to Yxy 66.5786, 0.2816, 0.2805 is called "border". The border property can be set on classes, ids or directly on the HTML element.

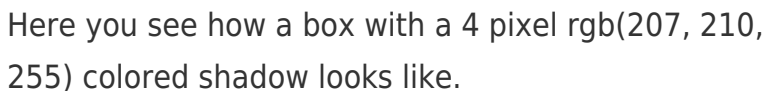
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 210, 255) }
```

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

```
.border{ border-color:rgb(207, 210, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 210, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 210, 255); box-shadow:4px 4px 4px 4px rgb(207, 210, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5786, 0.2816, 0.2805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 210, 255) }
```

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

```
.background{ background-color: rgb(207,  
210, 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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