

Converting Colors

$Yxy(65.0897, 0.2778, 0.2784)$

Have a look what the booklet for
Yxy(65.0897, 0.2778, 0.2784)
contains.

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Color

Yxy(65.2384, 0.2776, 0.2789)

Conversions

Conversions Part 1

Format	Color
Hex	C9D1FF
RGB	201, 209, 255
RGB Percent	79%, 82%, 100%
CMY	0.2117, 0.1804, 0.0002
CMYK	0.21, 0.18, 0.00, 0.00
HSL	231°, 100%, 89%
HSV	231°, 21%, 100%
XYZ	64.9343, 65.2384, 103.7405
YIQ	211.8520, -19.5340, 12.6100

Conversions

Conversions Part 2

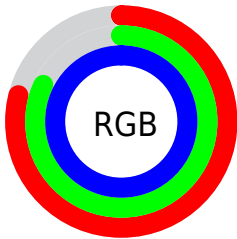
Format	Color
R _Y B	201, 208, 255
Decimal	13226495
CIE Lab	84.61, 6.72, -23.34
CIE LCh	85, 24.289, 286.059
Yxy	65.2384, 0.2776, 0.2789
Android (android.graphics.Color)	4291416575 (0xFFC9D1FF)
YUV	211.8520, 21.2720, -9.5172
Hunter-Lab	80.7703, 2.1549, -19.6123

Details

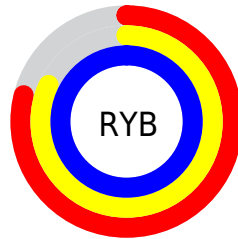
The Yxy color **65.2384, 0.2776, 0.2789** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **91.9689, 0.3463, 0.3746**, and the grayscale version is **65.6025, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.6309, 0.2690, 0.2679** is the 20% darker color. If you saturate the color by 10%, you get **52.0548, 0.2586, 0.2508**, and if you desaturate by 10%, it is **80.4663, 0.2951, 0.3042**.

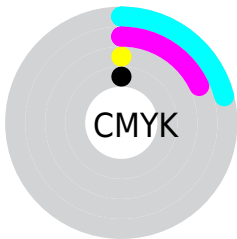
Distribution



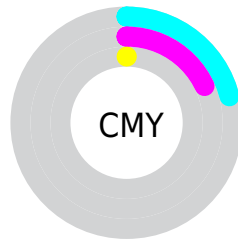
- Red (79%)
- Green (82%)
- Blue (100%)



- Red (79%)
- Yellow (82%)
- Blue (100%)



- Cyan (21%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.2384, 0.2776, 0.2789 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 65.2384, 0.2776, 0.2789 by changing the saturation by 10% instead.

■ 65.2384, 0.2776,
0.2789

■ 65.2384, 0.2776,
0.2789

443.6482, 0.2941,
0.3020

■ 47.6544, 0.2738,
0.2737

112.3925, 0.2834,
0.2869

■ 33.5533, 0.2691,
0.2673

142.7315, 0.2856,
0.2900

■ 22.5506, 0.2631,
0.2592

178.0909, 0.2875,
0.2927

■ 14.2621, 0.2552,
0.2488

218.8551, 0.2892,
0.2950

■ 8.3032, 0.2445,
0.2348

265.4085, 0.2906,
0.2970

■ 4.2895, 0.2291,
0.2153

318.1356, 0.2919,

■ 1.8368, 0.2054,

0.2989

0.1862

377.4207, 0.2931,
0.3005

0.5100, 0.1648,
0.1296

0.0000, 0.0000,
0.0000

65.2384, 0.2776,
0.2789

65.2384, 0.2776,
0.2789

52.0548, 0.2586,
0.2508

80.4663, 0.2951,
0.3042

40.8204, 0.2387,
0.2205

97.8127, 0.3110,
0.3266

31.4440, 0.2184,
0.1888

99.9973, 0.3127,
0.3290

23.8242, 0.1990,
0.1572

■ 17.8496, 0.1817,
0.1275

■ 13.3955, 0.1677,
0.1019

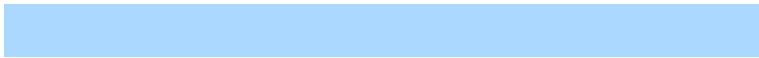
■ 10.3187, 0.1579,
0.0821

■ 8.5895, 0.1528,
0.0701

Harmonies

Analogous

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



65.2384, 0.2601, 0.2850



65.2384, 0.2776, 0.2789



65.2384, 0.3050, 0.2850

Triad

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



65.2384, 0.2776, 0.2789



65.2384, 0.3730, 0.3500



65.2384, 0.2885, 0.3589

Complementary

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



65.2384, 0.2776, 0.2789



91.9689, 0.3463, 0.3746

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.



65.2384, 0.3180, 0.3786



65.2384, 0.2776, 0.2789



65.2384, 0.3676, 0.3715

Square

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



65.2384, 0.2776, 0.2789



65.2384, 0.3612, 0.3247



65.2384, 0.3471, 0.3827



65.2384, 0.2661, 0.3305

Rectangle

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



65.2384, 0.2776, 0.2789



65.2384, 0.3257, 0.2951



65.2384, 0.3471, 0.3827



65.2384, 0.2979, 0.3669

Sweetspot

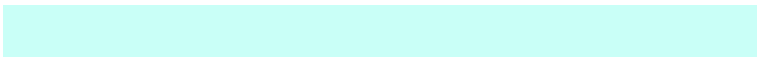
The Sweet Spot groups the original color and five complimentary colors.



65.2410, 0.2776, 0.2789



89.1775, 0.3035, 0.3161



90.6193, 0.2852, 0.3374



18.8456, 0.3025, 0.3146



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.



65.2410, 0.2776, 0.2789



59.9608, 0.2705, 0.2684



64.1959, 0.2899, 0.2721



17.8120, 0.2979, 0.3081



4.6193, 0.1533, 0.0719



0.5724, 0.1579, 0.0886

Inverse Universe

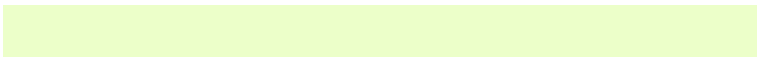
The Inverse Universe completely reimagines the original color for something new.



67.6353, 0.3493, 0.3209



62.8335, 0.3580, 0.3194



93.5565, 0.3322, 0.3842



18.0309, 0.3271, 0.3255



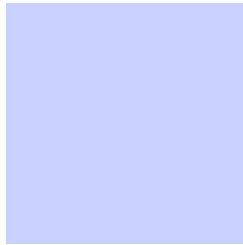
11.1943, 0.6202, 0.3190



1.1023, 0.5934, 0.3043

Previews

White Background



This preview shows how the Yxy color 65.2384, 0.2776, 0.2789 looks on a white background.

Color Contrast Check

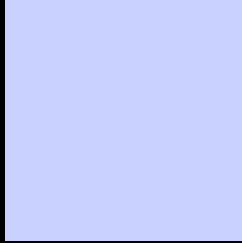
Large Text (above 18pt) WCAG AA × Fail

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 65.2384, 0.2776, 0.2789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

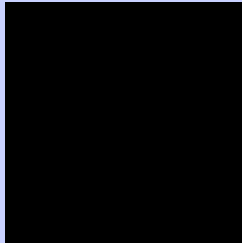
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.2384, 0.2776, 0.2789

Background



This preview shows how black text looks on a background with the Yxy color 65.2384, 0.2776, 0.2789.



This preview shows how white text looks on a background with the Yxy color 65.2384, 0.2776, 0.2789.

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

65.2384, 0.2776, 0.2789

Protanopia

65.2384, 0.2776, 0.2789

Deuteranopia

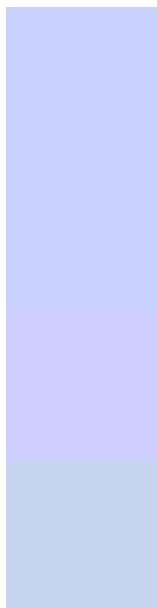
64.9179, 0.2827, 0.2763



Tritanopia

65.0374, 0.2896, 0.3096

Trichromacy



Original Color

65.2384, 0.2776, 0.2789

Protanomaly

65.2384, 0.2776, 0.2789

Deuteranomaly

64.9675, 0.2807, 0.2771

Tritanomaly

65.3247, 0.2854, 0.2987

Monochromacy



Original Color

65.2384, 0.2776, 0.2789

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.5999, 0.2991, 0.3100

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2384, 0.2776, 0.2789 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(201, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 209, 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(201, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 209, 255) }
```

Border

The CSS property to change the border of an element to Yxy 65.2384, 0.2776, 0.2789 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(201, 209, 255) }
```

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

```
.border{ border-color:rgb(201, 209, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 209,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2384, 0.2776, 0.2789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 209, 255) }
```

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

```
.background{ background-color: rgb(201,  
209, 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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