

Converting Colors

$Yxy(75.8318, 0.2365, 0.2167)$

Have a look what the booklet for
Yxy(75.8318, 0.2365, 0.2167)
contains.

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Color

Yxy(69.3686, 0.2764, 0.2887)

Conversions

Conversions Part 1

Format	Color
Hex	C6DAFF
RGB	198, 218, 255
RGB Percent	78%, 85%, 100%
CMY	0.2235, 0.1451, 0.0000
CMYK	0.22, 0.15, 0.00, 0.00
HSL	219°, 100%, 89%
HSV	219°, 22%, 100%
XYZ	66.4132, 69.3686, 104.4974
YIQ	216.2380, -23.7970, 7.2670

Conversions

Conversions Part 2

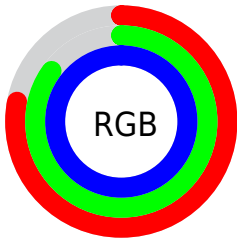
Format	Color
R _Y B	198, 213, 255
Decimal	13032191
CIE Lab	86.69, 1.07, -20.23
CIE LCh	87, 20.261, 273.034
Yxy	69.3686, 0.2764, 0.2887
Android (android.graphics.Color)	429122271 (0xFFC6DAFF)
YUV	216.2380, 19.1097, -15.9947
Hunter-Lab	83.2878, -3.4189, -16.0870

Details

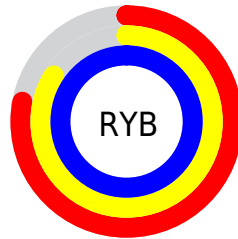
The Yxy color **69.3686, 0.2764, 0.2887** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.7648, 0.3506, 0.3663**, and the grayscale version is **68.7228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.1112, 0.2677, 0.2793** is the 20% darker color. If you saturate the color by 10%, you get **58.0295, 0.2588, 0.2674**, and if you desaturate by 10%, it is **82.1543, 0.2933, 0.3080**.

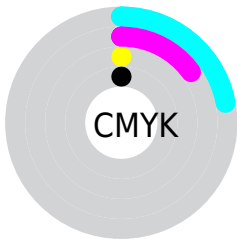
Distribution



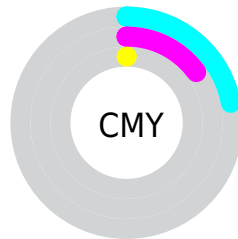
- Red (78%)
- Green (85%)
- Blue (100%)



- Red (78%)
- Yellow (84%)
- Blue (100%)



- Cyan (22%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.3686, 0.2764, 0.2887 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 69.3686, 0.2764, 0.2887 by changing the saturation by 10% instead.

■ 69.3686, 0.2764,
0.2887

■ 69.3686, 0.2764,
0.2887

458.3299, 0.2932,
0.3073

■ 51.0120, 0.2726,
0.2845

118.3079, 0.2822,
0.2951

■ 36.2181, 0.2679,
0.2793

149.6593, 0.2845,
0.2976

■ 24.6027, 0.2619,
0.2728

186.1112, 0.2864,
0.2998

■ 15.7813, 0.2542,
0.2643

228.0478, 0.2881,
0.3017

■ 9.3695, 0.2438,
0.2529

275.8536, 0.2896,
0.3033

■ 4.9830, 0.2290,
0.2368

329.9129, 0.2910,

■ 2.2373, 0.2066,

0.3048

0.2125

390.6102, 0.2921,
0.3061

0.7402, 0.1691,
0.1716

0.0000, 0.0000,
0.0000

69.3686, 0.2764,
0.2887

69.3686, 0.2764,
0.2887

58.0295, 0.2588,
0.2674

82.1543, 0.2933,
0.3080

48.0746, 0.2408,
0.2442

96.4298, 0.3092,
0.3253

39.4488, 0.2231,
0.2196

100.0000, 0.3127,
0.3290

32.0896, 0.2063,
0.1943

■ 25.9287, 0.1912,
0.1691

■ 20.8899, 0.1786,
0.1452

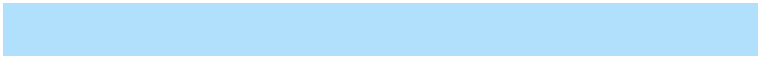
■ 16.8855, 0.1690,
0.1236

■ 14.4354, 0.1636,
0.1091

Harmonies

Analogous

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



69.3686, 0.2664, 0.2985



69.3686, 0.2764, 0.2887



69.3686, 0.2961, 0.2893

Triad

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



69.3686, 0.2764, 0.2887



69.3686, 0.3593, 0.3376



69.3686, 0.3032, 0.3614

Complementary

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



69.3686, 0.2764, 0.2887



84.7648, 0.3506, 0.3663

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.



69.3686, 0.3281, 0.3724



69.3686, 0.2764, 0.2887



69.3686, 0.3611, 0.3572

Square

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



69.3686, 0.2764, 0.2887



69.3686, 0.3444, 0.3169



69.3686, 0.3495, 0.3703



69.3686, 0.2815, 0.3407

Rectangle

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



69.3686, 0.2764, 0.2887



69.3686, 0.3125, 0.2952



69.3686, 0.3495, 0.3703



69.3686, 0.3114, 0.3664

Sweetspot

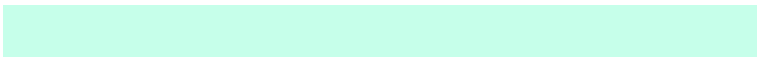
The Sweet Spot groups the original color and five complimentary colors.



69.3713, 0.2764, 0.2887



89.5970, 0.3019, 0.3175



89.4749, 0.2902, 0.3513



18.9930, 0.3009, 0.3164



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.



69.3713, 0.2764, 0.2887



63.9166, 0.2683, 0.2790



60.6833, 0.2799, 0.2670



18.4196, 0.2979, 0.3131



7.7950, 0.1645, 0.1120



0.9548, 0.1707, 0.1345

Inverse Universe

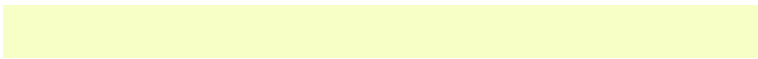
The Inverse Universe completely reimagines the original color for something new.



66.7184, 0.3428, 0.3087



61.1089, 0.3510, 0.3042



95.4454, 0.3415, 0.3859



18.0923, 0.3239, 0.3207



11.5149, 0.5581, 0.2848



1.1409, 0.5265, 0.2674

Previews

White Background



This preview shows how the Yxy color 69.3686, 0.2764, 0.2887 looks on a white background.

Color Contrast Check

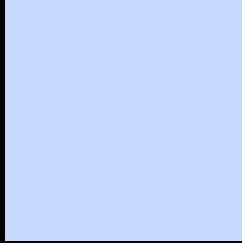
Large Text (above 18pt) WCAG AA × Fail

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 69.3686, 0.2764, 0.2887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

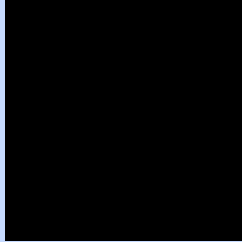
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

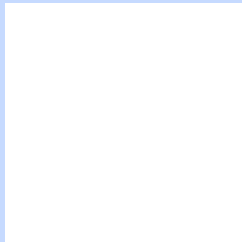
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.3686, 0.2764, 0.2887

Background



This preview shows how black text looks on a background with the Yxy color 69.3686, 0.2764, 0.2887.



This preview shows how white text looks on a background with the Yxy color 69.3686, 0.2764, 0.2887.

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

69.3686, 0.2764, 0.2887

Protanopia

69.2480, 0.2844, 0.2882

Deuteranopia

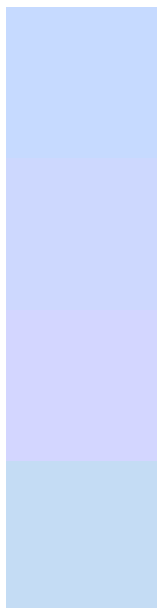
69.2124, 0.2890, 0.2837



Tritanopia

69.4881, 0.2845, 0.3099

Trichromacy



Original Color

69.3686, 0.2764, 0.2887

Protanomaly

69.2466, 0.2812, 0.2880

Deuteranomaly

69.1620, 0.2844, 0.2853

Tritanomaly

69.4538, 0.2816, 0.3023

Monochromacy



Original Color

69.3686, 0.2764, 0.2887

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.8942, 0.2986, 0.3146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3686, 0.2764, 0.2887 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(198, 218, 255)` looks like.

```
.text, #text, p{  
    color:rgb(198, 218, 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(198, 218, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 218, 255) }
```

Border

The CSS property to change the border of an element to Yxy 69.3686, 0.2764, 0.2887 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(198, 218, 255) }
```

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

```
.border{ border-color:rgb(198, 218, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 218, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 218, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 218, 255);  
box-shadow:4px 4px 4px 4px rgb(198, 218,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3686, 0.2764, 0.2887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 218, 255) }
```

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

```
.background{ background-color: rgb(198,  
218, 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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