

Converting Colors

$Y_{xy}(71.3089, 0.2490, 0.2216)$

Have a look what the booklet for
Yxy(71.3089, 0.2490, 0.2216)
contains.

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Color

Yxy(66.1806, 0.2841, 0.2787)

Conversions

Conversions Part 1

Format	Color
Hex	D3D0FF
RGB	211, 208, 255
RGB Percent	83%, 82%, 100%
CMY	0.1726, 0.1843, 0.0000
CMYK	0.17, 0.18, 0.00, 0.00
HSL	244°, 100%, 91%
HSV	244°, 18%, 100%
XYZ	67.4629, 66.1806, 103.8183
YIQ	214.2550, -13.2990, 15.2530

Conversions

Conversions Part 2

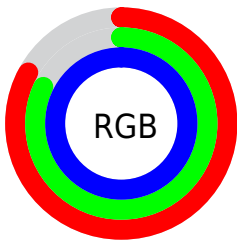
Format	Color
R _Y B	211, 208, 255
Decimal	13881599
CIE Lab	85.09, 10.28, -22.56
CIE LCh	85, 24.793, 294.508
Yxy	66.1806, 0.2841, 0.2787
Android (android.graphics.Color)	4292071679 (0xFFD3D0FF)
YUV	214.2550, 20.0873, -2.8546
Hunter-Lab	81.3515, 5.6609, -18.7181

Details

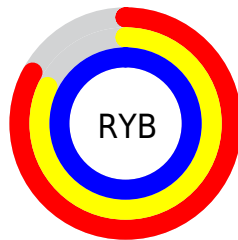
The Yxy color **66.1806, 0.2841, 0.2787** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **96.7707, 0.3386, 0.3753**, and the grayscale version is **67.2939, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.2563, 0.2773, 0.2679** is the 20% darker color. If you saturate the color by 10%, you get **51.4620, 0.2657, 0.2469**, and if you desaturate by 10%, it is **83.4279, 0.3005, 0.3074**.

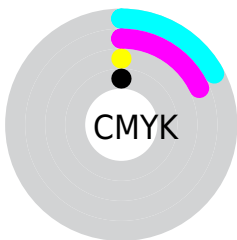
Distribution



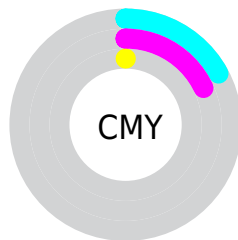
- Red (83%)
- Green (82%)
- Blue (100%)



- Red (83%)
- Yellow (82%)
- Blue (100%)



- Cyan (17%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.1806, 0.2841, 0.2787 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 66.1806, 0.2841, 0.2787 by changing the saturation by 10% instead.

66.1806, 0.2841,
0.2787

66.1806, 0.2841,
0.2787

447.0225, 0.2976,
0.3017

48.4190, 0.2810,
0.2735

113.7455, 0.2888,
0.2866

34.1588, 0.2771,
0.2672

144.3176, 0.2907,
0.2897

23.0157, 0.2721,
0.2593

179.9287, 0.2922,
0.2924

14.6051, 0.2655,
0.2490

220.9632, 0.2936,
0.2947

8.5427, 0.2566,
0.2354

267.8054, 0.2948,
0.2968

4.4441, 0.2436,
0.2164

320.8397, 0.2958,

1.9250, 0.2235,

0.2986

0.1883

380.4506, 0.2968,
0.3002

■ 0.5633, 0.1903,
0.1363

■ 0.0000, 0.0000,
0.0000

■ 66.1806, 0.2841,
0.2787

■ 66.1806, 0.2841,
0.2787

■ 51.4620, 0.2657,
0.2469

■ 83.4279, 0.3005,
0.3074

■ 39.1455, 0.2457,
0.2126

99.9995, 0.3127,
0.3290

■ 29.1060, 0.2248,
0.1771

■ 21.2037, 0.2041,
0.1427

■ 15.2835, 0.1851,
0.1117

■ 11.1692, 0.1694,
0.0869

■ 8.6535, 0.1582,
0.0701

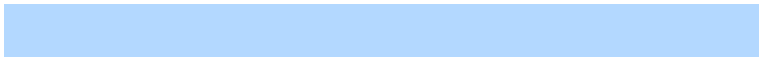
■ 7.4538, 0.1520,
0.0617

■ 7.3303, 0.1514,
0.0608

Harmonies

Analogous

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



66.1806, 0.2630, 0.2813



66.1806, 0.2841, 0.2787



66.1806, 0.3137, 0.2882

Triad

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



66.1806, 0.2841, 0.2787



66.1806, 0.3742, 0.3571



66.1806, 0.2807, 0.3518

Complementary

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



66.1806, 0.2841, 0.2787



96.7707, 0.3386, 0.3753

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.



66.1806, 0.3093, 0.3752



66.1806, 0.2841, 0.2787



66.1806, 0.3639, 0.3767

Square

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



66.1806, 0.2841, 0.2787



66.1806, 0.3670, 0.3319



66.1806, 0.3399, 0.3842



66.1806, 0.2611, 0.3222

Rectangle

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



66.1806, 0.2841, 0.2787



66.1806, 0.3347, 0.3000



66.1806, 0.3399, 0.3842



66.1806, 0.2895, 0.3608

Sweetspot

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



66.1833, 0.2841, 0.2787



88.0055, 0.3042, 0.3139



90.6568, 0.2848, 0.3265



18.5698, 0.3032, 0.3122



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.



66.1833, 0.2841, 0.2787



60.6384, 0.2777, 0.2676



69.8054, 0.2998, 0.2810



17.4324, 0.2988, 0.3045



3.8512, 0.1519, 0.0610



0.3933, 0.1562, 0.0634

Inverse Universe

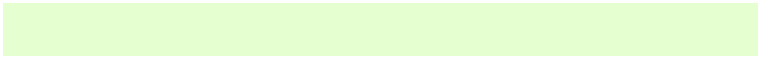
The Inverse Universe completely reimagines the original color for something new.



73.4072, 0.3169, 0.2859



69.0551, 0.3178, 0.2773



92.7530, 0.3237, 0.3776



18.2794, 0.3148, 0.3070



14.3713, 0.3374, 0.1632



1.4050, 0.3354, 0.1621

Previews

White Background



This preview shows how the Yxy color 66.1806, 0.2841, 0.2787 looks on a white background.

Color Contrast Check

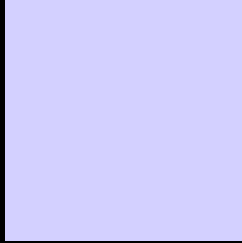
Large Text (above 18pt) WCAG AA × Fail

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 66.1806, 0.2841, 0.2787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

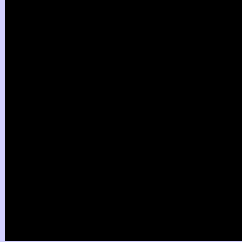
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.1806, 0.2841, 0.2787

Background



This preview shows how black text looks on a background with the Yxy color 66.1806, 0.2841, 0.2787.

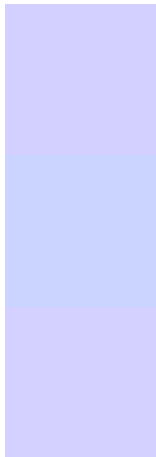


This preview shows how white text looks on a background with the Yxy color 66.1806, 0.2841, 0.2787.

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

66.1806, 0.2841, 0.2787

Protanopia

66.5050, 0.2790, 0.2813

Deuteranopia

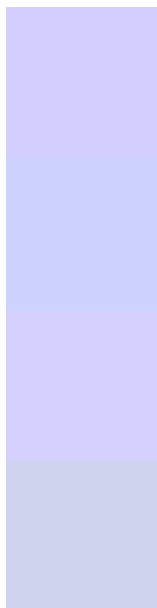
66.3288, 0.2848, 0.2788



Tritanopia

66.3675, 0.2971, 0.3111

Trichromacy



Original Color

66.1806, 0.2841, 0.2787

Protanomaly

66.4350, 0.2809, 0.2804

Deuteranomaly

66.3288, 0.2848, 0.2788

Tritanomaly

66.1715, 0.2927, 0.2992

Monochromacy



Original Color

66.1806, 0.2841, 0.2787

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.8902, 0.3020, 0.3102

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1806, 0.2841, 0.2787 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(211, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 208, 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(211, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 208, 255) }
```

Border

The CSS property to change the border of an element to Yxy 66.1806, 0.2841, 0.2787 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(211, 208, 255) }
```

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

```
.border{ border-color:rgb(211, 208, 255) }
```

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

Here you see how a box with a 4 pixel rgb(211, 208, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 208,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1806, 0.2841, 0.2787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 208, 255) }
```

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

```
.background{ background-color: rgb(211,  
208, 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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