

Converting Colors

$Yxy(74.6787, 0.2383, 0.1990)$

Have a look what the booklet for
Yxy(74.6787, 0.2383, 0.1990)
contains.

Yxy(66.5974, 0.2881, 0.2782)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.5974, 0.2881, 0.2782)

Conversions

Conversions Part 1

Format	Color
Hex	D9CFFF
RGB	217, 207, 255
RGB Percent	85%, 81%, 100%
CMY	0.1492, 0.1882, 0.0000
CMYK	0.15, 0.19, 0.00, 0.00
HSL	252°, 100%, 91%
HSV	252°, 19%, 100%
XYZ	68.9673, 66.5974, 103.8220
YIQ	215.4620, -9.4480, 17.0480

Conversions

Conversions Part 2

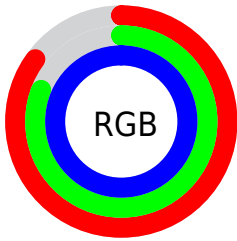
Format	Color
R _Y B	217, 207, 255
Decimal	14274559
CIE Lab	85.30, 12.66, -22.20
CIE LCh	85, 25.555, 299.705
Yxy	66.5974, 0.2881, 0.2782
Android (android.graphics.Color)	4292464639 (0xFFD9CFFF)
YUV	215.4620, 19.4922, 1.3488
Hunter-Lab	81.6072, 8.0400, -18.3046

Details

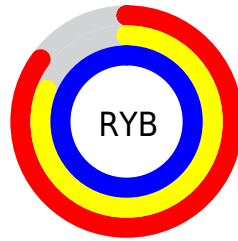
The Yxy color $66.5974, 0.2881, 0.2782$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $95.4456, 0.3346, 0.3770$, and the grayscale version is $68.1527, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.5411, 0.2824, 0.2674$ is the 20% darker color. If you saturate the color by 10%, you get $52.3147, 0.2724, 0.2472$, and if you desaturate by 10%, it is $83.2604, 0.3020, 0.3065$.

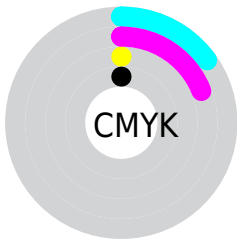
Distribution



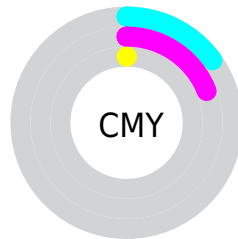
- Red (85%)
- Green (81%)
- Blue (100%)



- Red (85%)
- Yellow (81%)
- Blue (100%)



- Cyan (15%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.5974, 0.2881, 0.2782 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 66.5974, 0.2881, 0.2782 by changing the saturation by 10% instead.

66.5974, 0.2881,
0.2782

66.5974, 0.2881,
0.2782

448.5104, 0.2998,
0.3013

48.7575, 0.2854,
0.2730

114.3433, 0.2922,
0.2861

34.4272, 0.2820,
0.2667

145.0182, 0.2938,
0.2892

23.2220, 0.2776,
0.2588

180.7401, 0.2951,
0.2919

14.7575, 0.2719,
0.2486

221.8936, 0.2963,
0.2943

8.6494, 0.2640,
0.2350

268.8630, 0.2974,
0.2964

4.5132, 0.2525,
0.2162

322.0326, 0.2983,

1.9646, 0.2345,

0.2982

0.1885

381.7869, 0.2991,
0.2998

■ 0.5868, 0.2046,
0.1385

■ 0.0000, 0.0000,
0.0000

■ 66.5974, 0.2881,
0.2782

■ 66.5974, 0.2881,
0.2782

■ 52.3147, 0.2724,
0.2472

■ 83.2604, 0.3020,
0.3065

■ 40.2947, 0.2550,
0.2142

99.9997, 0.3127,
0.3290

■ 30.4223, 0.2364,
0.1804

■ 22.5688, 0.2174,
0.1475

■ 16.5913, 0.1991,
0.1177

■ 12.3281, 0.1827,
0.0933

■ 9.5886, 0.1695,
0.0759

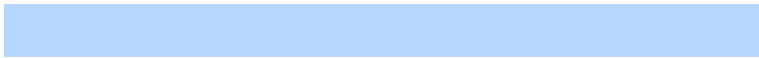
■ 8.1036, 0.1600,
0.0659

■ 7.9716, 0.1591,
0.0650

Harmonies

Analogous

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



66.5974, 0.2645, 0.2786



66.5974, 0.2881, 0.2782



66.5974, 0.3194, 0.2898

Triad

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



66.5974, 0.2881, 0.2782



66.5974, 0.3753, 0.3619



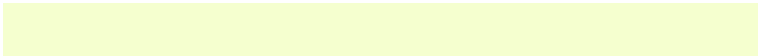
66.5974, 0.2754, 0.3473

Complementary

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



66.5974, 0.2881, 0.2782



95.4456, 0.3346, 0.3770

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.



66.5974, 0.3037, 0.3733



66.5974, 0.2881, 0.2782



66.5974, 0.3619, 0.3804

Square

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



66.5974, 0.2881, 0.2782



66.5974, 0.3711, 0.3365



66.5974, 0.3354, 0.3854



66.5974, 0.2575, 0.3169

Rectangle

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



66.5974, 0.2881, 0.2782



66.5974, 0.3406, 0.3030



66.5974, 0.3354, 0.3854



66.5974, 0.2840, 0.3570

Sweetspot

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



66.6002, 0.2881, 0.2782



88.3951, 0.3056, 0.3139



86.0350, 0.2838, 0.3189



18.6615, 0.3048, 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.



66.6002, 0.2881, 0.2782



60.3402, 0.2817, 0.2655



70.4859, 0.3046, 0.2806



17.5589, 0.3011, 0.3046



4.2160, 0.1603, 0.0657



0.4545, 0.1703, 0.0712

Inverse Universe

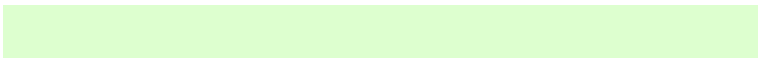
The Inverse Universe completely reimagines the original color for something new.



72.4905, 0.3218, 0.2914



67.3600, 0.3242, 0.2828



91.4597, 0.3193, 0.3794



18.2321, 0.3170, 0.3104



13.3639, 0.3816, 0.1876



1.3166, 0.3733, 0.1830

Previews

White Background



This preview shows how the Yxy color 66.5974, 0.2881, 0.2782 looks on a white background.

Color Contrast Check

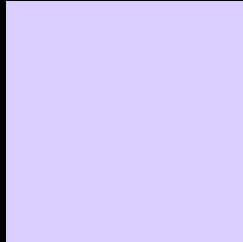
Large Text (above 18pt) WCAG AA × Fail

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 66.5974, 0.2881, 0.2782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

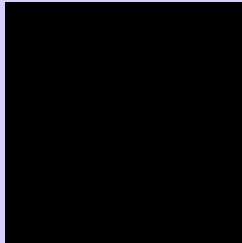
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.5974, 0.2881, 0.2782

Background



This preview shows how black text looks on a background with the Yxy color 66.5974, 0.2881, 0.2782.

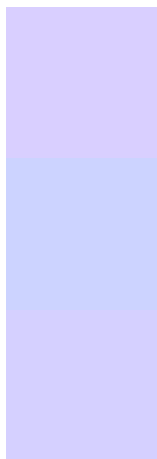


This preview shows how white text looks on a background with the Yxy color 66.5974, 0.2881, 0.2782.

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

66.5974, 0.2881, 0.2782

Protanopia

66.6459, 0.2797, 0.2814

Deuteranopia

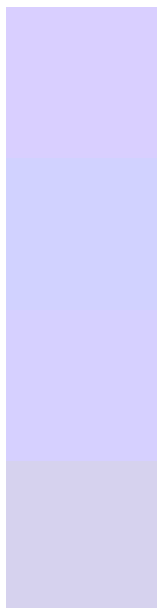
66.4779, 0.2855, 0.2789



Tritanopia

66.6855, 0.3020, 0.3113

Trichromacy



Original Color

66.5974, 0.2881, 0.2782

Protanomaly

66.8685, 0.2829, 0.2807

Deuteranomaly

66.6279, 0.2861, 0.2790

Tritanomaly

66.5624, 0.2969, 0.2985

Monochromacy



Original Color

66.5974, 0.2881, 0.2782

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.3991, 0.3035, 0.3093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5974, 0.2881, 0.2782 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(217, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(217, 207, 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(217, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 207, 255) }
```

Border

The CSS property to change the border of an element to Yxy 66.5974, 0.2881, 0.2782 is called "border". The border property can be set on classes, ids or directly on the HTML element.

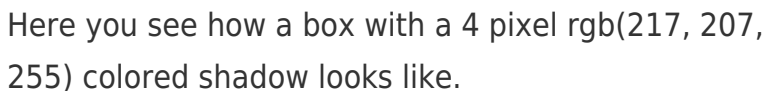
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 207, 255) }
```

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

```
.border{ border-color:rgb(217, 207, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(217, 207,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5974, 0.2881, 0.2782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 207, 255) }
```

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

```
.background{ background-color: rgb(217,  
207, 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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