

Converting Colors

Yxy(66.9506, 0.2842, 0.2818)

Have a look what the booklet for
Yxy(66.9506, 0.2842, 0.2818)
contains.

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Color

Yxy(66.9506, 0.2842, 0.2818)

Conversions

Conversions Part 1

Format	Color
Hex	D2D2FE
RGB	210, 210, 254
RGB Percent	82%, 82%, 100%
CMY	0.1763, 0.1765, 0.0040
CMYK	0.17, 0.17, 0.00, 0.00
HSL	240°, 96%, 91%
HSV	240°, 17%, 100%
XYZ	67.5208, 66.9506, 103.1106
YIQ	215.0160, -14.1240, 13.6840

Conversions

Conversions Part 2

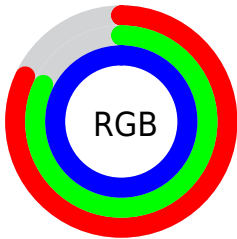
Format	Color
R _Y B	210, 210, 254
Decimal	13816574
CIE Lab	85.48, 8.73, -21.44
CIE LCh	85, 23.147, 292.155
Yxy	66.9506, 0.2842, 0.2818
Android (android.graphics.Color)	4292006654 (0xFFD2D2FE)
YUV	215.0160, 19.2191, -4.3990
Hunter-Lab	81.8233, 4.1077, -17.4386

Details

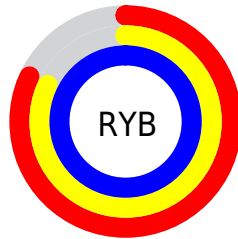
The Yxy color **66.9506, 0.2842, 0.2818** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **96.5794, 0.3388, 0.3722**, and the grayscale version is **67.8464, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.7767, 0.2774, 0.2718** is the 20% darker color. If you saturate the color by 10%, you get **51.9582, 0.2649, 0.2499**, and if you desaturate by 10%, it is **84.5287, 0.3014, 0.3103**.

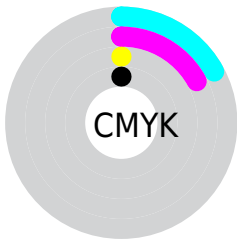
Distribution



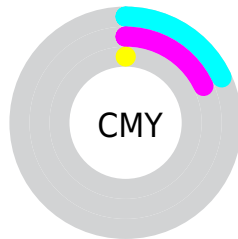
- Red (82%)
- Green (82%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.9506, 0.2842, 0.2818 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 66.9506, 0.2842, 0.2818 by changing the saturation by 10% instead.

■ 66.9506, 0.2842,
0.2818

■ 66.9506, 0.2842,
0.2818

449.7689, 0.2976,
0.3034

■ 49.0445, 0.2811,
0.2769

114.8496, 0.2889,
0.2892

■ 34.6548, 0.2772,
0.2710

145.6113, 0.2907,
0.2921

■ 23.3971, 0.2723,
0.2635

181.4270, 0.2923,
0.2947

■ 14.8870, 0.2659,
0.2538

222.6810, 0.2936,
0.2969

■ 8.7401, 0.2571,
0.2409

269.7579, 0.2948,
0.2988

■ 4.5720, 0.2444,
0.2228

323.0419, 0.2959,

■ 1.9984, 0.2246,

0.3005

0.1960

382.9174, 0.2968,
0.3020

0.6066, 0.1918,
0.1473

0.0000, 0.0000,
0.0000

66.9506, 0.2842,
0.2818

66.9506, 0.2842,
0.2818

51.9582, 0.2649,
0.2499

84.5287, 0.3014,
0.3103

39.4220, 0.2440,
0.2153

99.9344, 0.3133,
0.3300

29.2134, 0.2223,
0.1793

21.1892, 0.2010,
0.1441

■ 15.1903, 0.1818,
0.1124

■ 11.0359, 0.1664,
0.0870

■ 8.5135, 0.1560,
0.0698

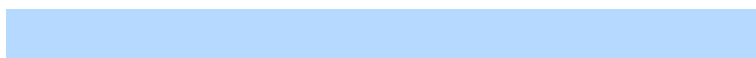
■ 7.3481, 0.1509,
0.0614

■ 7.1563, 0.1500,
0.0600

Harmonies

Analogous

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



66.9506, 0.2653, 0.2853



66.9506, 0.2842, 0.2818



66.9506, 0.3114, 0.2898

Triad

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



66.9506, 0.2842, 0.2818



66.9506, 0.3699, 0.3536



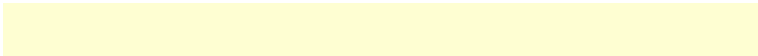
66.9506, 0.2848, 0.3522

Complementary

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



66.9506, 0.2842, 0.2818



96.5794, 0.3388, 0.3722

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.



66.9506, 0.3119, 0.3730



66.9506, 0.2842, 0.2818



66.9506, 0.3616, 0.3724

Square

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



66.9506, 0.2842, 0.2818



66.9506, 0.3620, 0.3299



66.9506, 0.3401, 0.3802



66.9506, 0.2656, 0.3249

Rectangle

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



66.9506, 0.2842, 0.2818



66.9506, 0.3310, 0.3005



66.9506, 0.3401, 0.3802



66.9506, 0.2932, 0.3603

Sweetspot

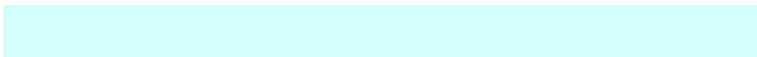
The Sweet Spot groups the original color and five complimentary colors.



66.9534, 0.2842, 0.2818



89.7974, 0.3051, 0.3165



91.7250, 0.2865, 0.3289



18.9253, 0.3040, 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.



66.9534, 0.2842, 0.2818



61.6923, 0.2773, 0.2704



70.3983, 0.2992, 0.2838



17.3788, 0.2979, 0.3044



3.7741, 0.1501, 0.0600



0.3678, 0.1501, 0.0601

Inverse Universe

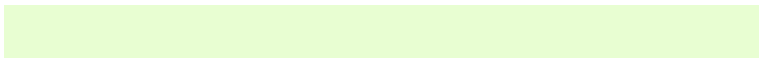
The Inverse Universe completely reimagines the original color for something new.



74.3081, 0.3148, 0.2860



70.4593, 0.3152, 0.2767



92.6762, 0.3244, 0.3742



18.3000, 0.3138, 0.3056



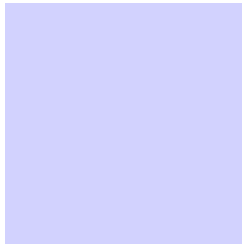
14.8713, 0.3212, 0.1543



1.4481, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 66.9506, 0.2842, 0.2818 looks on a white background.

Color Contrast Check

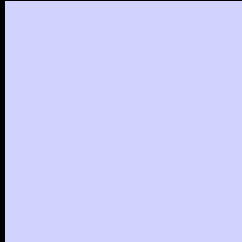
Large Text (above 18pt) WCAG AA × Fail

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 66.9506, 0.2842, 0.2818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

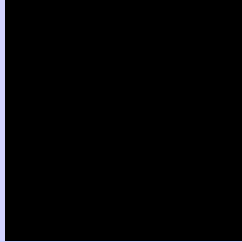
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.9506, 0.2842, 0.2818

Background



This preview shows how black text looks on a background with the Yxy color 66.9506, 0.2842, 0.2818.



This preview shows how white text looks on a background with the Yxy color 66.9506, 0.2842, 0.2818.

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

66.9506, 0.2842, 0.2818

Protanopia

67.1443, 0.2797, 0.2825

Deuteranopia

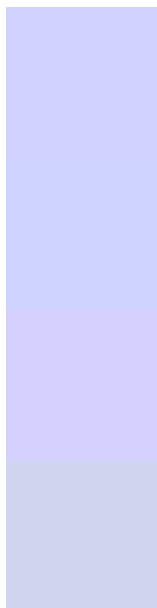
67.0528, 0.2868, 0.2811



Tritanopia

66.9845, 0.2958, 0.3100

Trichromacy



Original Color

66.9506, 0.2842, 0.2818

Protanomaly

66.9303, 0.2810, 0.2815

Deuteranomaly

66.9028, 0.2861, 0.2810

Tritanomaly

67.0859, 0.2915, 0.3003

Monochromacy



Original Color

66.9506, 0.2842, 0.2818

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.3918, 0.3020, 0.3113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.9506, 0.2842, 0.2818 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(210, 210, 254)` looks like.

```
.text, #text, p{  
    color:rgb(210, 210, 254)  
}
```

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(210, 210, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 210, 254) }
```

Border

The CSS property to change the border of an element to Yxy 66.9506, 0.2842, 0.2818 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(210, 210, 254) }
```

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

```
.border{ border-color:rgb(210, 210, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 210, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 210, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 210, 254);  
box-shadow:4px 4px 4px 4px rgb(210, 210,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 66.9506, 0.2842, 0.2818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 210, 254) }
```

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

```
.background{ background-color: rgb(210,  
210, 254) }
```

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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