

Converting Colors

$Yxy(66.6837, 0.2895, 0.2779)$

Have a look what the booklet for
Yxy(66.6837, 0.2895, 0.2779)
contains.

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Color

Yxy(66.9057, 0.2895, 0.2784)

Conversions

Conversions Part 1

Format	Color
Hex	DBCFFF
RGB	219, 207, 255
RGB Percent	86%, 81%, 100%
CMY	0.1412, 0.1882, 0.0000
CMYK	0.14, 0.19, 0.00, 0.00
HSL	255°, 100%, 91%
HSV	255°, 19%, 100%
XYZ	69.5733, 66.9057, 103.8432
YIQ	216.0600, -8.2560, 17.4720

Conversions

Conversions Part 2

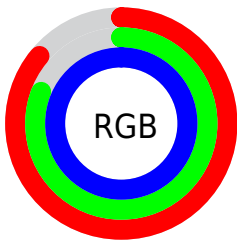
Format	Color
R _Y B	219, 207, 255
Decimal	14405631
CIE Lab	85.46, 13.30, -21.94
CIE LCh	85, 25.658, 301.228
Yxy	66.9057, 0.2895, 0.2784
Android (android.graphics.Color)	4292595711 (0xFFDBCFFF)
YUV	216.0600, 19.1974, 2.5784
Hunter-Lab	81.7959, 8.6842, -18.0139

Details

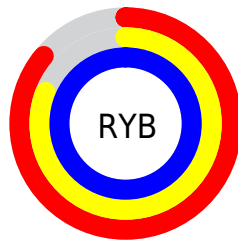
The Yxy color $66.9057, 0.2895, 0.2784$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $95.0718, 0.3332, 0.3772$, and the grayscale version is $68.5845, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.7522, 0.2842, 0.2677$ is the 20% darker color. If you saturate the color by 10%, you get $52.7360, 0.2746, 0.2477$, and if you desaturate by 10%, it is $83.4170, 0.3026, 0.3065$.

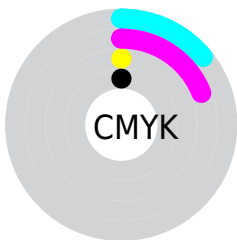
Distribution



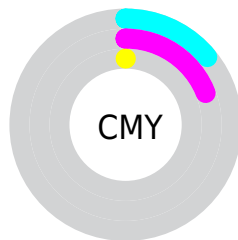
- Red (86%)
- Green (81%)
- Blue (100%)



- Red (86%)
- Yellow (81%)
- Blue (100%)



- Cyan (14%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.9057, 0.2895, 0.2784 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 66.9057, 0.2895, 0.2784 by changing the saturation by 10% instead.

66.9057, 0.2895,
0.2784

66.9057, 0.2895,
0.2784

449.6090, 0.3005,
0.3014

49.0080, 0.2869,
0.2733

114.7853, 0.2934,
0.2863

34.6258, 0.2837,
0.2670

145.5359, 0.2949,
0.2894

23.3748, 0.2796,
0.2591

181.3397, 0.2962,
0.2921

14.8705, 0.2742,
0.2490

222.5810, 0.2973,
0.2944

8.7285, 0.2667,
0.2356

269.6442, 0.2982,
0.2965

4.5645, 0.2557,
0.2169

322.9136, 0.2991,

1.9941, 0.2386,

0.2983

0.1896

382.7738, 0.2999,
0.2999

0.6040, 0.2098,
0.1408

0.0000, 0.0000,
0.0000

66.9057, 0.2895,
0.2784

66.9057, 0.2895,
0.2784

52.7360, 0.2746,
0.2477

83.4170, 0.3026,
0.3065

40.7924, 0.2581,
0.2151

99.9992, 0.3127,
0.3290

30.9622, 0.2403,
0.1818

23.1191, 0.2220,
0.1494

■ 17.1233, 0.2041,
0.1201

■ 12.8161, 0.1878,
0.0959

■ 10.0107, 0.1742,
0.0785

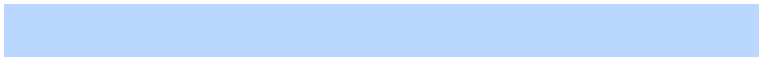
■ 8.4422, 0.1640,
0.0681

■ 8.2997, 0.1630,
0.0672

Harmonies

Analogous

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



66.9057, 0.2653, 0.2781



66.9057, 0.2895, 0.2784



66.9057, 0.3211, 0.2906

Triad

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



66.9057, 0.2895, 0.2784



66.9057, 0.3752, 0.3631



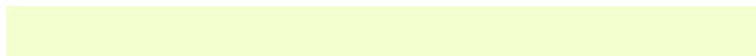
66.9057, 0.2741, 0.3458

Complementary

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



66.9057, 0.2895, 0.2784



95.0718, 0.3332, 0.3772

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.



66.9057, 0.3021, 0.3724



66.9057, 0.2895, 0.2784



66.9057, 0.3609, 0.3812

Square

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



66.9057, 0.2895, 0.2784



66.9057, 0.3719, 0.3379



66.9057, 0.3339, 0.3854



66.9057, 0.2568, 0.3154

Rectangle

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



66.9057, 0.2895, 0.2784



66.9057, 0.3422, 0.3040



66.9057, 0.3339, 0.3854



66.9057, 0.2826, 0.3556

Sweetspot

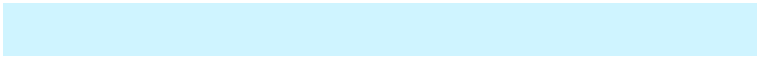
The Sweet Spot groups the original color and five complimentary colors.



66.9085, 0.2895, 0.2784



88.5116, 0.3060, 0.3140



85.0622, 0.2837, 0.3172



18.6890, 0.3052, 0.3123



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.



66.9085, 0.2895, 0.2784



60.7076, 0.2835, 0.2658



70.7603, 0.3057, 0.2808



17.5970, 0.3018, 0.3047



4.3959, 0.1643, 0.0679



0.4769, 0.1752, 0.0739

Inverse Universe

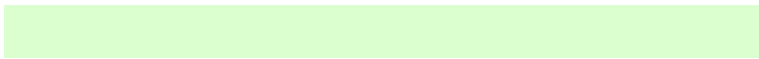
The Inverse Universe completely reimagines the original color for something new.



72.3583, 0.3233, 0.2934



67.2097, 0.3260, 0.2852



91.2022, 0.3183, 0.3796



18.2182, 0.3176, 0.3113



13.1060, 0.3964, 0.1958



1.2935, 0.3859, 0.1900

Previews

White Background



This preview shows how the Yxy color 66.9057, 0.2895, 0.2784 looks on a white background.

Color Contrast Check

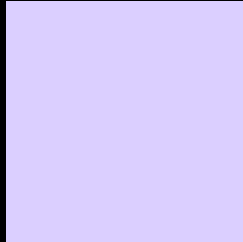
Large Text (above 18pt) WCAG AA × Fail

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 66.9057, 0.2895, 0.2784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

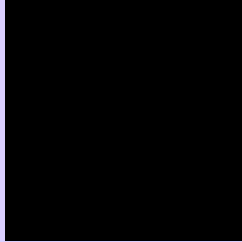
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.9057, 0.2895, 0.2784

Background



This preview shows how black text looks on a background with the Yxy color 66.9057, 0.2895, 0.2784.

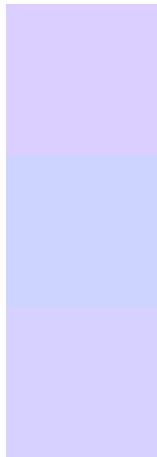


This preview shows how white text looks on a background with the Yxy color 66.9057, 0.2895, 0.2784.

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

66.9057, 0.2895, 0.2784

Protanopia

67.1443, 0.2797, 0.2825

Deuteranopia

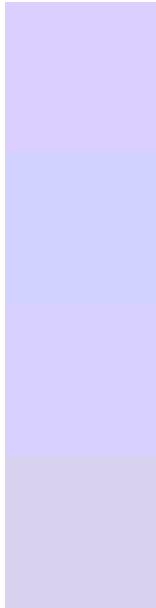
67.1171, 0.2862, 0.2801



Tritanopia

66.9845, 0.3034, 0.3113

Trichromacy



Original Color

66.9057, 0.2895, 0.2784

Protanomaly

66.8685, 0.2829, 0.2807

Deuteranomaly

66.9307, 0.2875, 0.2792

Tritanomaly

66.8652, 0.2983, 0.2986

Monochromacy



Original Color

66.9057, 0.2895, 0.2784

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.0534, 0.3042, 0.3104

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.9057, 0.2895, 0.2784 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(219, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 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(219, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 207, 255) }
```

Border

The CSS property to change the border of an element to Yxy 66.9057, 0.2895, 0.2784 is called "border". The border property can be set on classes, ids or directly on the HTML element.

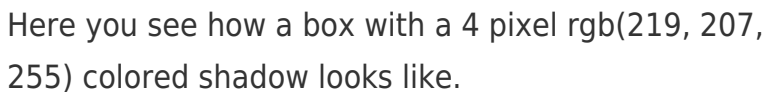
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 207, 255) }
```

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

```
.border{ border-color:rgb(219, 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(219, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(219, 207,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 66.9057, 0.2895, 0.2784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 207, 255) }
```

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

```
.background{ background-color: rgb(219,  
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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