

Converting Colors

Yxy(68.9871, 0.2898, 0.2875)

Have a look what the booklet for
Yxy(68.9871, 0.2898, 0.2875)
contains.

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Color

Yxy(69.2157, 0.2895, 0.2876)

Conversions

Conversions Part 1

Format	Color
Hex	D8D5FC
RGB	216, 213, 252
RGB Percent	85%, 84%, 99%
CMY	0.1531, 0.1646, 0.0118
CMYK	0.14, 0.15, 0.00, 0.01
HSL	245°, 87%, 91%
HSV	245°, 15%, 99%
XYZ	69.6730, 69.2157, 101.7779
YIQ	218.3430, -10.7310, 12.7650

Conversions

Conversions Part 2

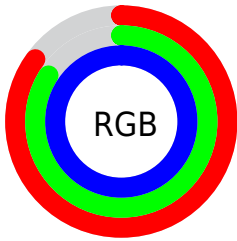
Format	Color
R _Y B	216, 213, 252
Decimal	14210556
CIE Lab	86.61, 8.54, -18.64
CIE LCh	87, 20.501, 294.623
Yxy	69.2157, 0.2895, 0.2876
Android (android.graphics.Color)	4292400636 (0xFFD8D5FC)
YUV	218.3430, 16.5929, -2.0548
Hunter-Lab	83.1960, 3.8929, -14.2953

Details

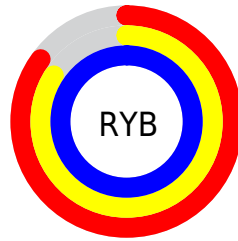
The Yxy color **69.2157, 0.2895, 0.2876** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.5730, 0.3341, 0.3677**, and the grayscale version is **70.2465, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.9709, 0.2842, 0.2780** is the 20% darker color. If you saturate the color by 10%, you get **54.2098, 0.2719, 0.2567**, and if you desaturate by 10%, it is **86.7001, 0.3051, 0.3153**.

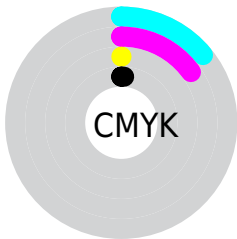
Distribution



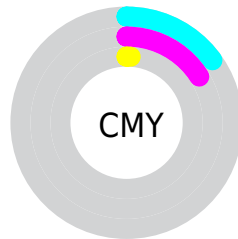
- Red (85%)
- Green (84%)
- Blue (99%)



- Red (85%)
- Yellow (84%)
- Blue (99%)



- Cyan (14%)
- Magenta (15%)
- Yellow (0%)
- Black (1%)



- Cyan (15%)
- Magenta (16%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.2157, 0.2895, 0.2876 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 69.2157, 0.2895, 0.2876 by changing the saturation by 10% instead.

■ 69.2157, 0.2895,
0.2876

■ 69.2157, 0.2895,
0.2876

457.7914, 0.3004,
0.3065

■ 50.8874, 0.2870,
0.2834

118.0896, 0.2933,
0.2941

■ 36.1190, 0.2839,
0.2782

149.4040, 0.2948,
0.2966

■ 24.5261, 0.2799,
0.2716

185.8159, 0.2960,
0.2988

■ 15.7244, 0.2747,
0.2632

227.7096, 0.2971,
0.3008

■ 9.3293, 0.2675,
0.2519

275.4697, 0.2981,
0.3024

■ 4.9566, 0.2572,
0.2361

329.4804, 0.2990,

■ 2.2218, 0.2411,

0.3039

0.2126

390.1261, 0.2997,
0.3053

■ 0.7319, 0.2135,
0.1726

■ 0.0000, 0.0000,
0.0000

■ 69.2157, 0.2895,
0.2876

■ 69.2157, 0.2895,
0.2876

■ 54.2098, 0.2719,
0.2567

■ 86.7001, 0.3051,
0.3153

■ 41.5622, 0.2526,
0.2232

99.8079, 0.3144,
0.3319

■ 31.1552, 0.2320,
0.1881

■ 22.8581, 0.2112,
0.1532

■ 16.5262, 0.1916,
0.1210

■ 11.9967, 0.1747,
0.0941

■ 9.0806, 0.1619,
0.0747

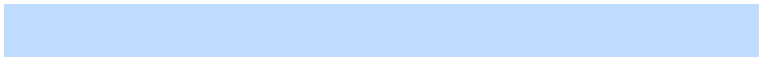
■ 7.5465, 0.1539,
0.0638

■ 7.1663, 0.1518,
0.0610

Harmonies

Analogous

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



69.2157, 0.2720, 0.2899



69.2157, 0.2895, 0.2876



69.2157, 0.3138, 0.2954

Triad

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



69.2157, 0.2895, 0.2876



69.2157, 0.3627, 0.3524



69.2157, 0.2865, 0.3474

Complementary

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



69.2157, 0.2895, 0.2876



94.5730, 0.3341, 0.3677

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.



69.2157, 0.3101, 0.3662



69.2157, 0.2895, 0.2876



69.2157, 0.3544, 0.3681

Square

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



69.2157, 0.2895, 0.2876



69.2157, 0.3569, 0.3317



69.2157, 0.3350, 0.3737



69.2157, 0.2704, 0.3237

Rectangle

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



69.2157, 0.2895, 0.2876



69.2157, 0.3308, 0.3053



69.2157, 0.3350, 0.3737



69.2157, 0.2938, 0.3546

Sweetspot

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



69.2186, 0.2895, 0.2876



89.9654, 0.3057, 0.3165



89.1737, 0.2891, 0.3263



18.9659, 0.3047, 0.3147



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.



69.2186, 0.2895, 0.2876



65.3591, 0.2835, 0.2770



72.3064, 0.3026, 0.2892



16.7055, 0.2990, 0.3045



3.7562, 0.1523, 0.0613



0.3688, 0.1577, 0.0642

Inverse Universe

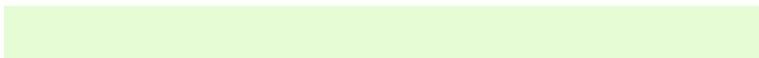
The Inverse Universe completely reimagines the original color for something new.



75.1360, 0.3165, 0.2934



72.6550, 0.3174, 0.2851



91.2306, 0.3215, 0.3693



17.5007, 0.3150, 0.3074



13.8553, 0.3408, 0.1651



1.2898, 0.3382, 0.1637

Previews

White Background



This preview shows how the Yxy color 69.2157, 0.2895, 0.2876 looks on a white background.

Color Contrast Check

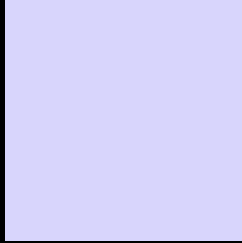
Large Text (above 18pt) WCAG AA × Fail

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 69.2157, 0.2895, 0.2876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

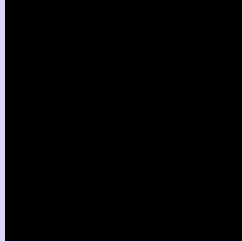
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.2157, 0.2895, 0.2876

Background



This preview shows how black text looks on a background with the Yxy color 69.2157, 0.2895, 0.2876.



This preview shows how white text looks on a background with the Yxy color 69.2157, 0.2895, 0.2876.

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

69.2157, 0.2895, 0.2876

Protanopia

69.2480, 0.2844, 0.2882

Deuteranopia

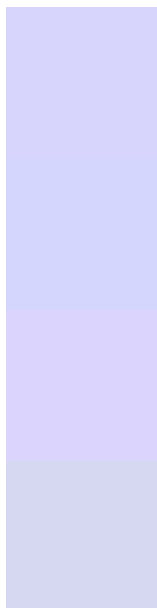
68.9890, 0.2929, 0.2858



Tritanopia

69.1411, 0.2994, 0.3104

Trichromacy



Original Color

69.2157, 0.2895, 0.2876

Protanomaly

69.1820, 0.2863, 0.2874

Deuteranomaly

69.1753, 0.2915, 0.2867

Tritanomaly

69.1883, 0.2957, 0.3019

Monochromacy



Original Color

69.2157, 0.2895, 0.2876

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.5766, 0.3042, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2157, 0.2895, 0.2876 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(216, 213, 252)` looks like.

```
.text, #text, p{  
    color:rgb(216, 213, 252)  
}
```

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(216, 213, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 213, 252) }
```

Border

The CSS property to change the border of an element to Yxy 69.2157, 0.2895, 0.2876 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(216, 213, 252) }
```

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

```
.border{ border-color:rgb(216, 213, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 213, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 213, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 213, 252);  
box-shadow:4px 4px 4px 4px rgb(216, 213,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2157, 0.2895, 0.2876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 213, 252) }
```

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

```
.background{ background-color: rgb(216,  
213, 252) }
```

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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