

Converting Colors

Yxy(66.4698, 0.2982, 0.2955)

Have a look what the booklet for
Yxy(66.4698, 0.2982, 0.2955)
contains.

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Color

Yxy(66.6439, 0.2977, 0.2955)

Conversions

Conversions Part 1

Format	Color
Hex	D9D1F0
RGB	217, 209, 240
RGB Percent	85%, 82%, 94%
CMY	0.1490, 0.1804, 0.0589
CMYK	0.10, 0.13, 0.00, 0.06
HSL	255°, 51%, 88%
HSV	255°, 13%, 94%
XYZ	67.1401, 66.6439, 91.7453
YIQ	214.9260, -5.1830, 11.3370

Conversions

Conversions Part 2

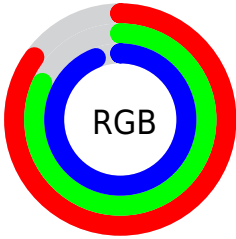
Format	Color
R _Y B	217, 209, 240
Decimal	14275056
CIE Lab	85.32, 8.56, -14.21
CIE LCh	85, 16.585, 301.065
Yxy	66.6439, 0.2977, 0.2955
Android (android.graphics.Color)	4292465136 (0xFFD9D1F0)
YUV	214.9260, 12.3615, 1.8189
Hunter-Lab	81.6357, 3.9421, -9.4873

Details

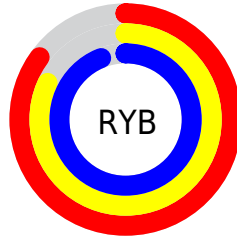
The Yxy color $66.6439, 0.2977, 0.2955$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $84.0658, 0.3265, 0.3615$, and the grayscale version is $67.8206, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.5848, 0.2939, 0.2882$ is the 20% darker color. If you saturate the color by 10%, you get $53.1606, 0.2841, 0.2664$, and if you desaturate by 10%, it is $82.2009, 0.3096, 0.3219$.

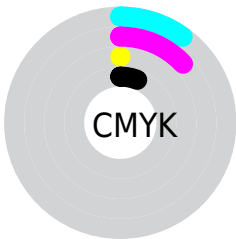
Distribution



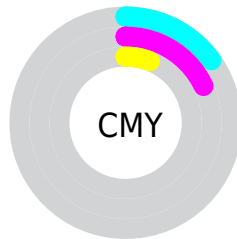
- Red (85%)
- Green (82%)
- Blue (94%)



- Red (85%)
- Yellow (82%)
- Blue (94%)



- Cyan (10%)
- Magenta (13%)
- Yellow (0%)
- Black (6%)



- Cyan (15%)
- Magenta (18%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.6439, 0.2977, 0.2955 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 66.6439, 0.2977, 0.2955 by changing the saturation by 10% instead.

66.6439, 0.2977,
0.2955

66.6439, 0.2977,
0.2955

448.6762, 0.3048,
0.3109

48.7953, 0.2960,
0.2920

114.4100, 0.3002,
0.3008

34.4571, 0.2939,
0.2877

145.0963, 0.3012,
0.3029

23.2450, 0.2913,
0.2822

180.8306, 0.3020,
0.3047

14.7745, 0.2877,
0.2751

221.9973, 0.3027,
0.3063

8.6613, 0.2827,
0.2655

268.9808, 0.3034,
0.3077

4.5209, 0.2754,
0.2517

322.1656, 0.3039,

1.9690, 0.2635,

0.3089

0.2306

381.9359, 0.3044,
0.3100

0.5894, 0.2433,
0.1865

0.0000, 0.0000,
0.0000

66.6439, 0.2977,
0.2955

66.6439, 0.2977,
0.2955

53.1606, 0.2841,
0.2664

82.2009, 0.3096,
0.3219

41.6542, 0.2687,
0.2350

98.6202, 0.3199,
0.3435

32.0328, 0.2518,
0.2022

99.0700, 0.3215,
0.3435

24.1935, 0.2339,
0.1692

■ 18.0238, 0.2158,
0.1380

■ 13.3975, 0.1986,
0.1105

■ 10.1703, 0.1832,
0.0889

■ 8.1687, 0.1709,
0.0743

■ 7.3107, 0.1641,
0.0677

Harmonies

Analogous

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



66.6439, 0.2817, 0.2957



66.6439, 0.2977, 0.2955



66.6439, 0.3183, 0.3036

Triad

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



66.6439, 0.2977, 0.2955



66.6439, 0.3531, 0.3517



66.6439, 0.2878, 0.3400

Complementary

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



66.6439, 0.2977, 0.2955



84.0658, 0.3265, 0.3615

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.



66.6439, 0.3062, 0.3566



66.6439, 0.2977, 0.2955



66.6439, 0.3442, 0.3629

Square

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



66.6439, 0.2977, 0.2955



66.6439, 0.3508, 0.3353



66.6439, 0.3269, 0.3650



66.6439, 0.2761, 0.3208

Rectangle

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



66.6439, 0.2977, 0.2955



66.6439, 0.3318, 0.3126



66.6439, 0.3269, 0.3650



66.6439, 0.2934, 0.3462

Sweetspot

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



66.6467, 0.2977, 0.2955



92.2564, 0.3084, 0.3191



77.6930, 0.2928, 0.3206



19.4445, 0.3075, 0.3172



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.



66.6467, 0.2977, 0.2955



72.9853, 0.2949, 0.2895



69.0909, 0.3086, 0.2966



15.4258, 0.3020, 0.3049



4.0567, 0.1654, 0.0685



0.3837, 0.1785, 0.0757

Inverse Universe

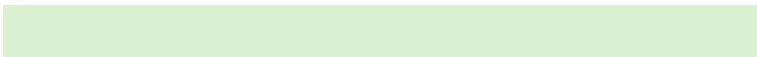
The Inverse Universe completely reimagines the original color for something new.



69.9527, 0.3198, 0.3052



77.3577, 0.3211, 0.3011



81.6252, 0.3162, 0.3625



15.9577, 0.3177, 0.3116



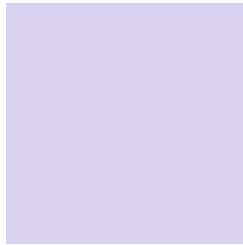
11.9256, 0.3991, 0.1972



1.0082, 0.3865, 0.1903

Previews

White Background



This preview shows how the Yxy color 66.6439, 0.2977, 0.2955 looks on a white background.

Color Contrast Check

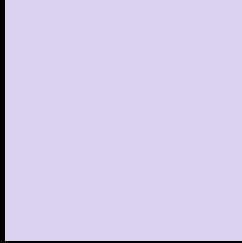
Large Text (above 18pt) WCAG AA × Fail

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 66.6439, 0.2977, 0.2955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

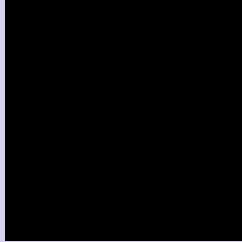
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.6439, 0.2977, 0.2955

Background



This preview shows how black text looks on a background with the Yxy color 66.6439, 0.2977, 0.2955.



This preview shows how white text looks on a background with the Yxy color 66.6439, 0.2977, 0.2955.

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

66.6439, 0.2977, 0.2955

Protanopia

66.9077, 0.2903, 0.2961

Deuteranopia

66.7752, 0.3005, 0.2947



Tritanopia

66.6370, 0.3041, 0.3103

Trichromacy



Original Color

66.6439, 0.2977, 0.2955

Protanomaly

66.7883, 0.2929, 0.2962

Deuteranomaly

66.6187, 0.2998, 0.2946

Tritanomaly

66.5183, 0.3022, 0.3049

Monochromacy



Original Color

66.6439, 0.2977, 0.2955

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.5692, 0.3075, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6439, 0.2977, 0.2955 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, 209, 240)` looks like.

```
.text, #text, p{  
    color:rgb(217, 209, 240)  
}
```

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, 209, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 209, 240) }
```

Border

The CSS property to change the border of an element to Yxy 66.6439, 0.2977, 0.2955 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, 209, 240) }
```

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

```
.border{ border-color:rgb(217, 209, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 209, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 209, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 209, 240);  
box-shadow:4px 4px 4px 4px rgb(217, 209,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6439, 0.2977, 0.2955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 209, 240) }
```

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

```
.background{ background-color: rgb(217,  
209, 240) }
```

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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