

Converting Colors

Yxy(60.8117, 0.2842, 0.2659)

Have a look what the booklet for
Yxy(60.8117, 0.2842, 0.2659)
contains.

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Color

Yxy(60.6969, 0.2842, 0.2656)

Conversions

Conversions Part 1

Format	Color
Hex	D4C4FF
RGB	212, 196, 255
RGB Percent	83%, 77%, 100%
CMY	0.1685, 0.2314, 0.0001
CMYK	0.17, 0.23, 0.00, 0.00
HSL	256°, 100%, 88%
HSV	256°, 23%, 100%
XYZ	64.9475, 60.6969, 102.8831
YIQ	207.5100, -9.4030, 21.7410

Conversions

Conversions Part 2

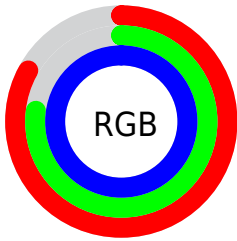
Format	Color
R _Y B	212, 196, 255
Decimal	13944063
CIE Lab	82.22, 17.05, -26.92
CIE LCh	82, 31.867, 302.356
Yxy	60.6969, 0.2842, 0.2656
Android (android.graphics.Color)	4292134143 (0xFFD4C4FF)
YUV	207.5100, 23.4126, 3.9377
Hunter-Lab	77.9082, 12.4656, -23.7607

Details

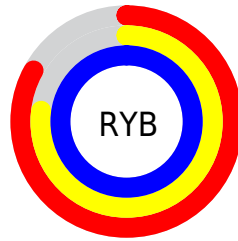
The Yxy color **60.6969, 0.2842, 0.2656** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.8316, 0.3371, 0.3891**, and the grayscale version is **62.5977, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **30.5913, 0.2770, 0.2509** is the 20% darker color. If you saturate the color by 10%, you get **47.5556, 0.2690, 0.2342**, and if you desaturate by 10%, it is **76.1149, 0.2977, 0.2948**.

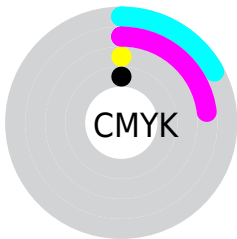
Distribution



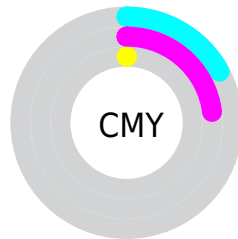
- Red (83%)
- Green (77%)
- Blue (100%)



- Red (83%)
- Yellow (77%)
- Blue (100%)



- Cyan (17%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)




- Cyan (17%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6969, 0.2842, 0.2656 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 60.6969, 0.2842, 0.2656 by changing the saturation by 10% instead.


 60.6969, 0.2842,
0.2656

 60.6969, 0.2842,
0.2656


427.1618, 0.2980,
0.2946

 43.9806, 0.2809,
0.2591


105.8399, 0.2891,
0.2756

 30.6553, 0.2768,
0.2511


135.0355, 0.2910,
0.2795

 20.3365, 0.2715,
0.2412


169.1596, 0.2926,
0.2828

 12.6399, 0.2644,
0.2284

208.5966, 0.2940,
0.2858

 7.1810, 0.2546,
0.2114

253.7309, 0.2952,
0.2884

 3.5756, 0.2401,
0.1880

304.9469, 0.2962,

 1.4391, 0.2171,

0.2907

0.1541

362.6291, 0.2972,
0.2927

0.2453, 0.1806,
0.0682

0.0000, 0.0000,
0.0000

60.6969, 0.2842,
0.2656

60.6969, 0.2842,
0.2656

47.5556, 0.2690,
0.2342

76.1149, 0.2977,
0.2948

36.5740, 0.2523,
0.2014

93.9041, 0.3094,
0.3213

27.6359, 0.2346,
0.1685

99.9988, 0.3127,
0.3290

20.6109, 0.2167,
0.1374

■ 15.3533, 0.1996,
0.1103

■ 11.6953, 0.1843,
0.0889

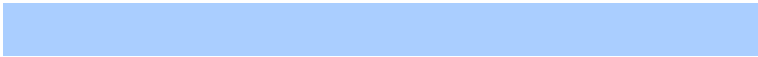
■ 9.4349, 0.1720,
0.0746

■ 8.4979, 0.1653,
0.0684

Harmonies

Analogous

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



60.6969, 0.2534, 0.2642



60.6969, 0.2842, 0.2656



60.6969, 0.3247, 0.2814

Triad

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



60.6969, 0.2842, 0.2656



60.6969, 0.3926, 0.3726



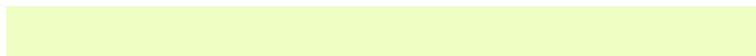
60.6969, 0.2623, 0.3489

Complementary

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



60.6969, 0.2842, 0.2656



93.8316, 0.3371, 0.3891

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.



60.6969, 0.2971, 0.3845



60.6969, 0.2842, 0.2656



60.6969, 0.3730, 0.3961

Square

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



60.6969, 0.2842, 0.2656



60.6969, 0.3896, 0.3407



60.6969, 0.3377, 0.4019



60.6969, 0.2414, 0.3094

Rectangle

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



60.6969, 0.2842, 0.2656



60.6969, 0.3519, 0.2983



60.6969, 0.3377, 0.4019



60.6969, 0.2727, 0.3620

Sweetspot

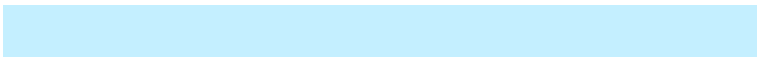
The Sweet Spot groups the original color and five complimentary colors.



60.6994, 0.2842, 0.2656



86.7537, 0.3051, 0.3114



80.8337, 0.2770, 0.3121



18.3364, 0.3044, 0.3098



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.



60.6994, 0.2842, 0.2656



54.0354, 0.2770, 0.2505



65.4348, 0.3052, 0.2694



17.6168, 0.3021, 0.3047



4.5037, 0.1667, 0.0692



0.4897, 0.1780, 0.0754

Inverse Universe

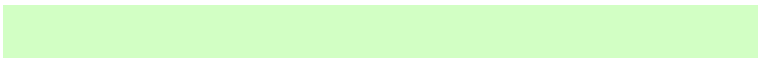
The Inverse Universe completely reimagines the original color for something new.



66.9613, 0.3271, 0.2862



61.4063, 0.3308, 0.2769



89.1590, 0.3182, 0.3928



18.2111, 0.3180, 0.3119



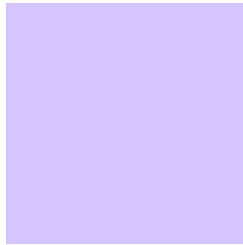
12.9791, 0.4045, 0.2002



1.2821, 0.3927, 0.1937

Previews

White Background



This preview shows how the Yxy color 60.6969, 0.2842, 0.2656 looks on a white background.

Color Contrast Check

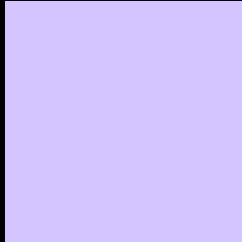
Large Text (above 18pt) WCAG AA × Fail

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 60.6969, 0.2842, 0.2656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

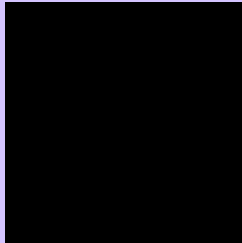
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.6969, 0.2842, 0.2656

Background



This preview shows how black text looks on a background with the Yxy color 60.6969, 0.2842, 0.2656.

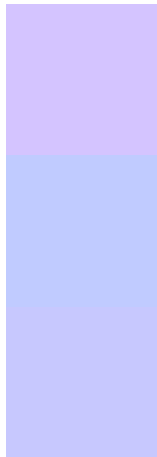


This preview shows how white text looks on a background with the Yxy color 60.6969, 0.2842, 0.2656.

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

60.6969, 0.2842, 0.2656

Protanopia

61.1383, 0.2712, 0.2712

Deuteranopia

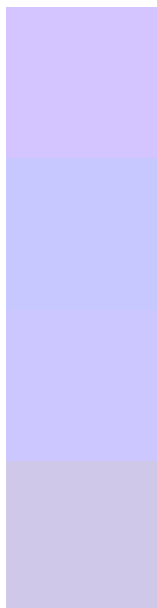
60.6064, 0.2761, 0.2695



Tritanopia

60.9482, 0.3038, 0.3107

Trichromacy



Original Color

60.6969, 0.2842, 0.2656

Protanomaly

60.6707, 0.2755, 0.2685

Deuteranomaly

60.8400, 0.2794, 0.2689

Tritanomaly

60.5446, 0.2964, 0.2931

Monochromacy



Original Color

60.6969, 0.2842, 0.2656

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.1773, 0.3019, 0.3053

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6969, 0.2842, 0.2656 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(212, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(212, 196, 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(212, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 196, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.6969, 0.2842, 0.2656 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(212, 196, 255) }
```

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

```
.border{ border-color:rgb(212, 196, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 196, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 196, 255);  
box-shadow:4px 4px 4px 4px rgb(212, 196,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6969, 0.2842, 0.2656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 196, 255) }
```

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

```
.background{ background-color: rgb(212,  
196, 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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