

Converting Colors

$Yxy(60.2489, 0.2864, 0.2763)$

Have a look what the booklet for
Yxy(60.2489, 0.2864, 0.2763)
contains.

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Color

Yxy(60.3074, 0.2865, 0.2761)

Conversions

Conversions Part 1

Format	Color
Hex	CFC6F6
RGB	207, 198, 246
RGB Percent	81%, 78%, 96%
CMY	0.1879, 0.2236, 0.0352
CMYK	0.16, 0.20, 0.00, 0.04
HSL	251°, 73%, 87%
HSV	251°, 20%, 96%
XYZ	62.5790, 60.3074, 95.5395
YIQ	206.1630, -10.0440, 16.8360

Conversions

Conversions Part 2

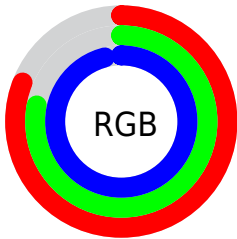
Format	Color
R _Y B	207, 198, 246
Decimal	13616886
CIE Lab	82.00, 12.54, -22.50
CIE LCh	82, 25.757, 299.139
Yxy	60.3074, 0.2865, 0.2761
Android (android.graphics.Color)	4291806966 (0xFFCFC6F6)
YUV	206.1630, 19.6396, 0.7340
Hunter-Lab	77.6578, 7.9395, -18.5818

Details

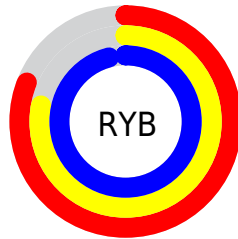
The Yxy color $60.3074, 0.2865, 0.2761$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $87.9830, 0.3359, 0.3787$, and the grayscale version is $61.7161, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $30.3396, 0.2791, 0.2628$ is the 20% darker color. If you saturate the color by 10%, you get $47.2695, 0.2703, 0.2449$, and if you desaturate by 10%, it is $75.5393, 0.3008, 0.3046$.

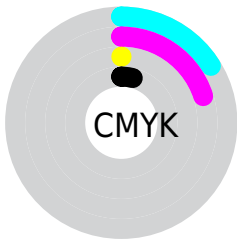
Distribution



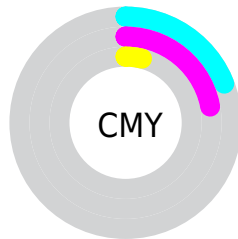
- Red (81%)
- Green (78%)
- Blue (96%)



- Red (81%)
- Yellow (78%)
- Blue (96%)



- Cyan (16%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (19%)
- Magenta (22%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3074, 0.2865, 0.2761 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 60.3074, 0.2865, 0.2761 by changing the saturation by 10% instead.

60.3074, 0.2865,
0.2761

60.3074, 0.2865,
0.2761

425.7299, 0.2992,
0.3006

43.6665, 0.2835,
0.2705

105.2755, 0.2910,
0.2846

30.4084, 0.2797,
0.2637

134.3714, 0.2927,
0.2879

20.1488, 0.2748,
0.2550

168.3877, 0.2942,
0.2907

12.5032, 0.2683,
0.2438

207.7089, 0.2954,
0.2932

7.0874, 0.2593,
0.2286

252.7193, 0.2966,
0.2954

3.5168, 0.2458,
0.2072

303.8034, 0.2975,

1.4071, 0.2240,

0.2973

0.1752

361.3454, 0.2984,
0.2990

0.2220, 0.1829,
0.0785

0.0000, 0.0000,
0.0000

60.3074, 0.2865,
0.2761

60.3074, 0.2865,
0.2761

47.2695, 0.2703,
0.2449

75.5393, 0.3008,
0.3046

36.3167, 0.2525,
0.2117

93.0526, 0.3133,
0.3301

27.3418, 0.2336,
0.1777

99.4345, 0.3179,
0.3376

20.2250, 0.2144,
0.1448

■ 14.8334, 0.1961,
0.1151

■ 11.0161, 0.1799,
0.0911

■ 8.5951, 0.1671,
0.0742

■ 7.2983, 0.1582,
0.0647

■ 7.2504, 0.1579,
0.0643

Harmonies

Analogous

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



60.3074, 0.2623, 0.2767



60.3074, 0.2865, 0.2761



60.3074, 0.3190, 0.2880

Triad

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



60.3074, 0.2865, 0.2761



60.3074, 0.3781, 0.3627



60.3074, 0.2744, 0.3486

Complementary

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



60.3074, 0.2865, 0.2761



87.9830, 0.3359, 0.3787

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.



60.3074, 0.3039, 0.3757



60.3074, 0.2865, 0.2761



60.3074, 0.3643, 0.3823

Square

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



60.3074, 0.2865, 0.2761



60.3074, 0.3734, 0.3362



60.3074, 0.3369, 0.3880



60.3074, 0.2555, 0.3168

Rectangle

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



60.3074, 0.2865, 0.2761



60.3074, 0.3412, 0.3015



60.3074, 0.3369, 0.3880



60.3074, 0.2833, 0.3588

Sweetspot

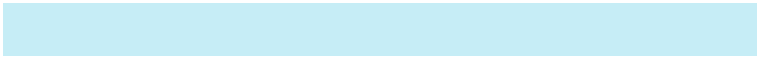
The Sweet Spot groups the original color and five complimentary colors.



60.3099, 0.2865, 0.2761



88.3474, 0.3054, 0.3139



79.3447, 0.2828, 0.3194



18.6503, 0.3046, 0.3122



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.



60.3099, 0.2865, 0.2761



60.1910, 0.2810, 0.2654



63.9882, 0.3037, 0.2787



16.0779, 0.3009, 0.3047



3.9140, 0.1589, 0.0649



0.3841, 0.1697, 0.0709

Inverse Universe

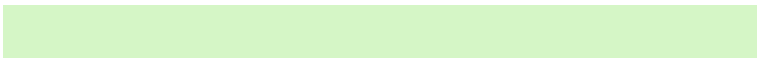
The Inverse Universe completely reimagines the original color for something new.



66.0817, 0.3216, 0.2892



67.4223, 0.3234, 0.2818



84.1692, 0.3200, 0.3813



16.7113, 0.3167, 0.3100



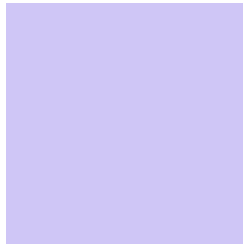
12.6877, 0.3756, 0.1843



1.1287, 0.3675, 0.1798

Previews

White Background



This preview shows how the Yxy color 60.3074, 0.2865, 0.2761 looks on a white background.

Color Contrast Check

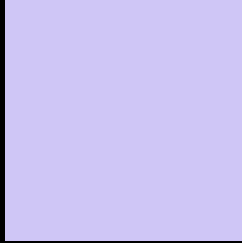
Large Text (above 18pt) WCAG AA × Fail

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 60.3074, 0.2865, 0.2761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

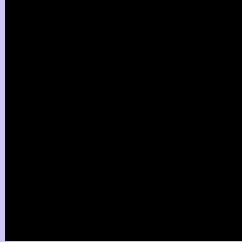
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.3074, 0.2865, 0.2761

Background



This preview shows how black text looks on a background with the Yxy color 60.3074, 0.2865, 0.2761.

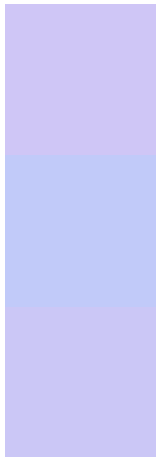


This preview shows how white text looks on a background with the Yxy color 60.3074, 0.2865, 0.2761.

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

60.3074, 0.2865, 0.2761

Protanopia

60.4181, 0.2753, 0.2762

Deuteranopia

60.1972, 0.2837, 0.2768



Tritanopia

60.3829, 0.3008, 0.3105

Trichromacy



Original Color

60.3074, 0.2865, 0.2761

Protanomaly

60.5564, 0.2791, 0.2766

Deuteranomaly

60.3380, 0.2844, 0.2769

Tritanomaly

60.2678, 0.2955, 0.2972

Monochromacy



Original Color

60.3074, 0.2865, 0.2761

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.0541, 0.3024, 0.3084

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3074, 0.2865, 0.2761 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(207, 198, 246)` looks like.

```
.text, #text, p{  
    color:rgb(207, 198, 246)  
}
```

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(207, 198, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 198, 246) }
```

Border

The CSS property to change the border of an element to Yxy 60.3074, 0.2865, 0.2761 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(207, 198, 246) }
```

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

```
.border{ border-color:rgb(207, 198, 246) }
```

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

Here you see how a box with a 4 pixel rgb(207, 198, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 198, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 198, 246);  
box-shadow:4px 4px 4px 4px rgb(207, 198,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3074, 0.2865, 0.2761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 198, 246) }
```

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

```
.background{ background-color: rgb(207,  
198, 246) }
```

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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