

Converting Colors

Yxy(62.6633, 0.2663, 0.2412)

Have a look what the booklet for
Yxy(62.6633, 0.2663, 0.2412)
contains.

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Color

Yxy(60.7078, 0.2821, 0.2663)

Conversions

Conversions Part 1

Format	Color
Hex	D1C5FF
RGB	209, 197, 255
RGB Percent	82%, 77%, 100%
CMY	0.1804, 0.2274, 0.0000
CMYK	0.18, 0.23, 0.00, 0.00
HSL	252°, 100%, 89%
HSV	252°, 23%, 100%
XYZ	64.3097, 60.7078, 102.9502
YIQ	207.2000, -11.4660, 20.5820

Conversions

Conversions Part 2

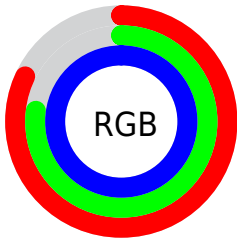
Format	Color
R _Y B	209, 197, 255
Decimal	13747711
CIE Lab	82.22, 15.58, -26.95
CIE LCh	82, 31.133, 300.035
Yxy	60.7078, 0.2821, 0.2663
Android (android.graphics.Color)	4291937791 (0xFFD1C5FF)
YUV	207.2000, 23.5654, 1.5786
Hunter-Lab	77.9152, 10.9788, -23.7999

Details

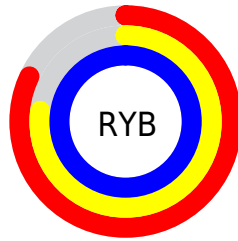
The Yxy color **60.7078, 0.2821, 0.2663** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.6097, 0.3392, 0.3875**, and the grayscale version is **62.3827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **30.5922, 0.2744, 0.2518** is the 20% darker color. If you saturate the color by 10%, you get **47.3252, 0.2657, 0.2344**, and if you desaturate by 10%, it is **76.4264, 0.2967, 0.2957**.

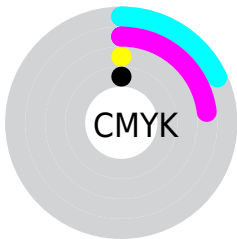
Distribution



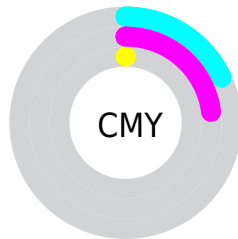
- Red (82%)
- Green (77%)
- Blue (100%)



- Red (82%)
- Yellow (77%)
- Blue (100%)



- Cyan (18%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.7078, 0.2821, 0.2663 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 60.7078, 0.2821, 0.2663 by changing the saturation by 10% instead.

60.7078, 0.2821,
0.2663

60.7078, 0.2821,
0.2663

427.2018, 0.2969,
0.2950

43.9894, 0.2786,
0.2598

105.8557, 0.2873,
0.2762

30.6622, 0.2742,
0.2519

135.0541, 0.2893,
0.2801

20.3417, 0.2686,
0.2420

169.1811, 0.2911,
0.2834

12.6437, 0.2611,
0.2293

208.6214, 0.2925,
0.2863

7.1837, 0.2507,
0.2124

253.7592, 0.2938,
0.2889

3.5772, 0.2355,
0.1890

304.9789, 0.2950,

1.4400, 0.2116,

0.2912

0.1550

362.6650, 0.2960,
0.2932

0.2459, 0.1722,
0.0690

0.0000, 0.0000,
0.0000

60.7078, 0.2821,
0.2663

60.7078, 0.2821,
0.2663

47.3252, 0.2657,
0.2344

76.4264, 0.2967,
0.2957

36.1623, 0.2477,
0.2009

94.5819, 0.3095,
0.3222

27.0983, 0.2289,
0.1672

100.0000, 0.3127,
0.3290

19.9994, 0.2100,
0.1352

■ 14.7162, 0.1923,
0.1073

■ 11.0768, 0.1771,
0.0855

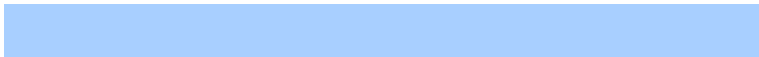
■ 8.8754, 0.1653,
0.0712

■ 7.9682, 0.1591,
0.0650

Harmonies

Analogous

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



60.7078, 0.2530, 0.2662



60.7078, 0.2821, 0.2663



60.7078, 0.3212, 0.2808

Triad

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



60.7078, 0.2821, 0.2663



60.7078, 0.3914, 0.3695



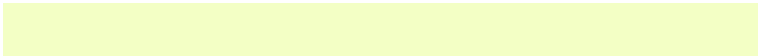
60.7078, 0.2657, 0.3515

Complementary

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



60.7078, 0.2821, 0.2663



94.6097, 0.3392, 0.3875

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.



60.7078, 0.3005, 0.3852



60.7078, 0.2821, 0.2663



60.7078, 0.3738, 0.3933

Square

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



60.7078, 0.2821, 0.2663



60.7078, 0.3866, 0.3380



60.7078, 0.3402, 0.4005



60.7078, 0.2440, 0.3127

Rectangle

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



60.7078, 0.2821, 0.2663



60.7078, 0.3480, 0.2969



60.7078, 0.3402, 0.4005



60.7078, 0.2762, 0.3641

Sweetspot

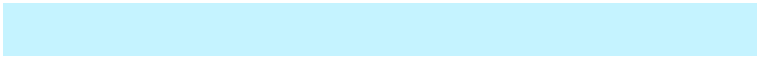
The Sweet Spot groups the original color and five complimentary colors.



60.7091, 0.2821, 0.2663



86.5475, 0.3043, 0.3113



83.4330, 0.2779, 0.3166



18.2888, 0.3035, 0.3097



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.



60.7091, 0.2821, 0.2663



54.7319, 0.2753, 0.2530



65.2640, 0.3026, 0.2700



17.5585, 0.3011, 0.3046



4.2139, 0.1602, 0.0656



0.4542, 0.1702, 0.0711

Inverse Universe

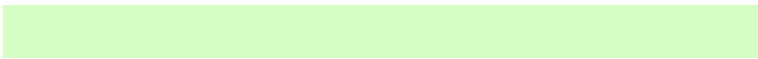
The Inverse Universe completely reimagines the original color for something new.



67.6679, 0.3240, 0.2833



62.7786, 0.3265, 0.2745



89.9087, 0.3205, 0.3911



18.2323, 0.3170, 0.3103



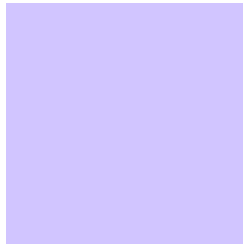
13.3673, 0.3814, 0.1875



1.3170, 0.3731, 0.1829

Previews

White Background



This preview shows how the Yxy color 60.7078, 0.2821, 0.2663 looks on a white background.

Color Contrast Check

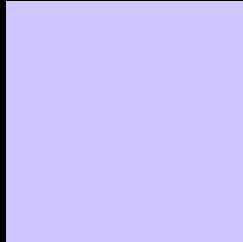
Large Text (above 18pt) WCAG AA × Fail

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 60.7078, 0.2821, 0.2663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

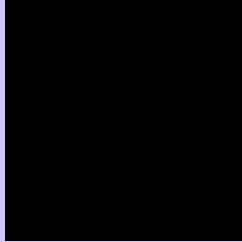
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.7078, 0.2821, 0.2663

Background



This preview shows how black text looks on a background with the Yxy color 60.7078, 0.2821, 0.2663.



This preview shows how white text looks on a background with the Yxy color 60.7078, 0.2821, 0.2663.

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

60.7078, 0.2821, 0.2663

Protanopia

60.6675, 0.2711, 0.2700

Deuteranopia

60.6064, 0.2761, 0.2695



Tritanopia

60.5757, 0.3009, 0.3094

Trichromacy



Original Color

60.7078, 0.2821, 0.2663

Protanomaly

60.5343, 0.2749, 0.2684

Deuteranomaly

60.6991, 0.2787, 0.2688

Tritanomaly

60.6356, 0.2936, 0.2929

Monochromacy



Original Color

60.7078, 0.2821, 0.2663

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.5036, 0.3018, 0.3052

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7078, 0.2821, 0.2663 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(209, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 197, 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(209, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 197, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.7078, 0.2821, 0.2663 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(209, 197, 255) }
```

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

```
.border{ border-color:rgb(209, 197, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 197, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 197, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 197, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 197,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7078, 0.2821, 0.2663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 197, 255) }
```

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

```
.background{ background-color: rgb(209,  
197, 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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