

Converting Colors

$Yxy(60.3163, 0.2770, 0.2643)$

Have a look what the booklet for
Yxy(60.3163, 0.2770, 0.2643)
contains.

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Color

Yxy(60.3047, 0.2781, 0.2667)

Conversions

Conversions Part 1

Format	Color
Hex	CBC6FF
RGB	203, 198, 255
RGB Percent	80%, 78%, 100%
CMY	0.2037, 0.2236, 0.0000
CMYK	0.20, 0.22, 0.00, 0.00
HSL	245°, 100%, 89%
HSV	245°, 22%, 100%
XYZ	62.8824, 60.3047, 102.9273
YIQ	205.9930, -15.3170, 18.7870

Conversions

Conversions Part 2

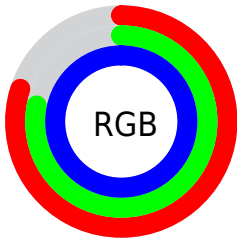
Format	Color
R _Y B	203, 198, 255
Decimal	13354751
CIE _{Lab}	82.00, 13.25, -27.31
CIE _{LCh}	82, 30.358, 295.879
Y _{xy}	60.3047, 0.2781, 0.2667
Android (android.graphics.Color)	4291544831 (0xFFCBC6FF)
YUV	205.9930, 24.1605, -2.6249
Hunter-Lab	77.6561, 8.6431, -24.2251

Details

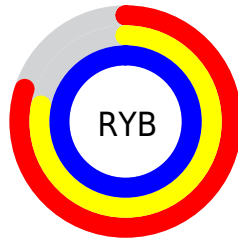
The Yxy color $60.3047, 0.2781, 0.2667$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $95.9034, 0.3432, 0.3856$, and the grayscale version is $61.5724, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $30.3196, 0.2692, 0.2521$ is the 20% darker color. If you saturate the color by 10%, you get $46.5934, 0.2595, 0.2340$, and if you desaturate by 10%, it is $76.4719, 0.2948, 0.2966$.

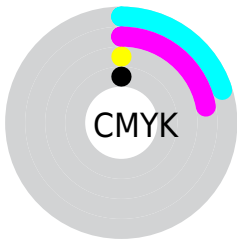
Distribution



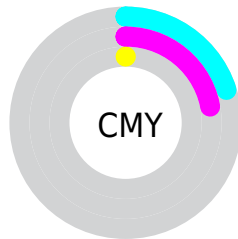
- Red (80%)
- Green (78%)
- Blue (100%)



- Red (80%)
- Yellow (78%)
- Blue (100%)



- Cyan (20%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3047, 0.2781, 0.2667 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 60.3047, 0.2781, 0.2667 by changing the saturation by 10% instead.

60.3047, 0.2781,
0.2667

60.3047, 0.2781,
0.2667

425.7200, 0.2947,
0.2954

43.6643, 0.2742,
0.2602

105.2715, 0.2840,
0.2766

30.4067, 0.2693,
0.2523

134.3668, 0.2862,
0.2804

20.1475, 0.2630,
0.2424

168.3824, 0.2882,
0.2838

12.5023, 0.2547,
0.2295

207.7027, 0.2898,
0.2867

7.0867, 0.2433,
0.2125

252.7123, 0.2913,
0.2892

3.5164, 0.2266,
0.1888

303.7954, 0.2926,

1.4069, 0.2005,

0.2915

0.1544

361.3365, 0.2937,
0.2935

0.2218, 0.1544,
0.0641

0.0000, 0.0000,
0.0000

60.3047, 0.2781,
0.2667

60.3047, 0.2781,
0.2667

46.5934, 0.2595,
0.2340

76.4719, 0.2948,
0.2966

35.2109, 0.2394,
0.1993

95.1993, 0.3095,
0.3232

26.0296, 0.2188,
0.1642

99.9996, 0.3127,
0.3290

18.9067, 0.1987,
0.1310

■ 13.6827, 0.1807,
0.1022

■ 10.1743, 0.1664,
0.0803

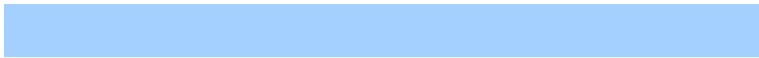
■ 8.1619, 0.1566,
0.0666

■ 7.3978, 0.1522,
0.0612

Harmonies

Analogous

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



60.3047, 0.2515, 0.2687



60.3047, 0.2781, 0.2667



60.3047, 0.3155, 0.2791

Triad

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



60.3047, 0.2781, 0.2667



60.3047, 0.3903, 0.3647



60.3047, 0.2708, 0.3562

Complementary

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



60.3047, 0.2781, 0.2667



95.9034, 0.3432, 0.3856

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.



60.3047, 0.3062, 0.3872



60.3047, 0.2781, 0.2667



60.3047, 0.3760, 0.3895

Square

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



60.3047, 0.2781, 0.2667



60.3047, 0.3824, 0.3334



60.3047, 0.3448, 0.3991



60.3047, 0.2474, 0.3181

Rectangle

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



60.3047, 0.2781, 0.2667



60.3047, 0.3420, 0.2940



60.3047, 0.3448, 0.3991



60.3047, 0.2817, 0.3680

Sweetspot

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



60.3071, 0.2781, 0.2667



86.1801, 0.3030, 0.3112



87.7465, 0.2791, 0.3239



18.2040, 0.3021, 0.3096



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.



60.3071, 0.2781, 0.2667



53.6427, 0.2697, 0.2518



64.6321, 0.2979, 0.2702



17.4549, 0.2992, 0.3045



3.8917, 0.1528, 0.0615



0.4039, 0.1587, 0.0648

Inverse Universe

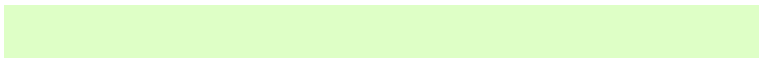
The Inverse Universe completely reimagines the original color for something new.



68.5397, 0.3189, 0.2778



63.2732, 0.3204, 0.2671



91.0815, 0.3247, 0.3891



18.2709, 0.3152, 0.3076



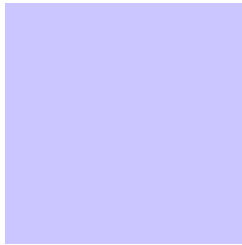
14.1747, 0.3447, 0.1672



1.3880, 0.3416, 0.1656

Previews

White Background



This preview shows how the Yxy color 60.3047, 0.2781, 0.2667 looks on a white background.

Color Contrast Check

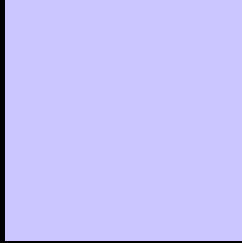
Large Text (above 18pt) WCAG AA × Fail

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 60.3047, 0.2781, 0.2667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

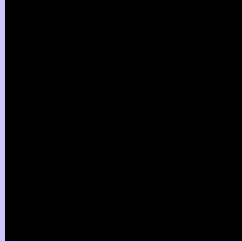
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.3047, 0.2781, 0.2667

Background



This preview shows how black text looks on a background with the Yxy color 60.3047, 0.2781, 0.2667.



This preview shows how white text looks on a background with the Yxy color 60.3047, 0.2781, 0.2667.

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

60.3047, 0.2781, 0.2667

Protanopia

60.5374, 0.2704, 0.2699

Deuteranopia

60.5343, 0.2749, 0.2684



Tritanopia

60.2234, 0.2965, 0.3103

Trichromacy



Original Color

60.3047, 0.2781, 0.2667

Protanomaly

60.5954, 0.2730, 0.2692

Deuteranomaly

60.3462, 0.2761, 0.2675

Tritanomaly

60.2664, 0.2893, 0.2936

Monochromacy



Original Color

60.3047, 0.2781, 0.2667

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.0728, 0.2996, 0.3050

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3047, 0.2781, 0.2667 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(203, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(203, 198, 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(203, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 198, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.3047, 0.2781, 0.2667 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(203, 198, 255) }
```

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

```
.border{ border-color:rgb(203, 198, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(203, 198,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3047, 0.2781, 0.2667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 198, 255) }
```

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

```
.background{ background-color: rgb(203,  
198, 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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