

Converting Colors

$Yxy(68.7605, 0.2264, 0.1713)$

Have a look what the booklet for
Yxy(68.7605, 0.2264, 0.1713)
contains.

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Color

Yxy(58.0623, 0.2860, 0.2583)

Conversions

Conversions Part 1

Format	Color
Hex	D7BDFF
RGB	215, 189, 255
RGB Percent	84%, 74%, 100%
CMY	0.1566, 0.2589, 0.0000
CMYK	0.16, 0.26, 0.00, 0.00
HSL	264°, 100%, 87%
HSV	264°, 26%, 100%
XYZ	64.2889, 58.0623, 102.4351
YIQ	204.2980, -5.6900, 26.0380

Conversions

Conversions Part 2

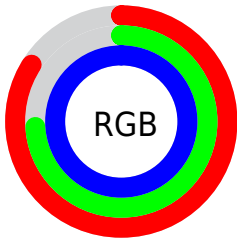
Format	Color
R _Y B	215, 189, 255
Decimal	14138879
CIE Lab	80.77, 21.78, -29.12
CIE LCh	81, 36.363, 306.790
Yxy	58.0623, 0.2860, 0.2583
Android (android.graphics.Color)	4292328959 (0xFFD7BDFF)
YUV	204.2980, 24.9961, 9.3857
Hunter-Lab	76.1986, 17.2531, -26.3655

Details

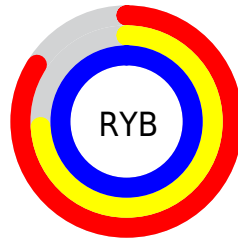
The Yxy color **58.0623, 0.2860, 0.2583** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **91.8353, 0.3345, 0.3978**, and the grayscale version is **60.4287, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **29.1591, 0.2793, 0.2431** is the 20% darker color. If you saturate the color by 10%, you get **45.8161, 0.2730, 0.2276**, and if you desaturate by 10%, it is **72.4604, 0.2975, 0.2874**.

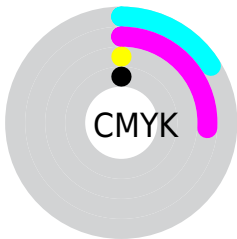
Distribution



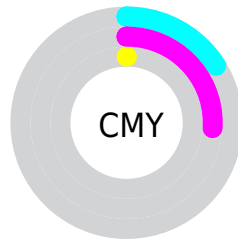
- Red (84%)
- Green (74%)
- Blue (100%)



- Red (84%)
- Yellow (74%)
- Blue (100%)



- Cyan (16%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)





- Cyan (16%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0623, 0.2860, 0.2583 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 58.0623, 0.2860, 0.2583 by changing the saturation by 10% instead.


 58.0623, 0.2860,
0.2583

 58.0623, 0.2860,
0.2583


417.4180, 0.2992,
0.2906

 41.8587, 0.2828,
0.2511


 102.0136, 0.2907,
0.2694

 28.9907, 0.2788,
0.2423


130.5301, 0.2925,
0.2737

 19.0738, 0.2735,
0.2312


163.9197, 0.2941,
0.2775

 11.7236, 0.2665,
0.2171

202.5668, 0.2954,
0.2808

 6.5558, 0.2566,
0.1985

246.8558, 0.2965,
0.2837

 3.1859, 0.2419,
0.1729

297.1711, 0.2975,

 1.2295, 0.2181,

0.2862

0.1366

353.8970, 0.2984,
0.2885

0.0856, 0.1825,
0.0255

0.0000, 0.0000,
0.0000

58.0623, 0.2860,
0.2583

58.0623, 0.2860,
0.2583

45.8161, 0.2730,
0.2276

72.4604, 0.2975,
0.2874

35.6097, 0.2586,
0.1961

89.1047, 0.3075,
0.3143

27.3283, 0.2433,
0.1653

100.0000, 0.3127,
0.3290

20.8432, 0.2276,
0.1368

■ 16.0095, 0.2123,
0.1125

■ 12.6582, 0.1983,
0.0937

■ 10.5813, 0.1862,
0.0813

■ 9.9747, 0.1818,
0.0775

Harmonies

Analogous

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



58.0623, 0.2488, 0.2538



58.0623, 0.2860, 0.2583



58.0623, 0.3334, 0.2784

Triad

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



58.0623, 0.2860, 0.2583



58.0623, 0.4032, 0.3833



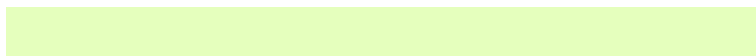
58.0623, 0.2498, 0.3449

Complementary

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



58.0623, 0.2860, 0.2583



91.8353, 0.3345, 0.3978

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.



58.0623, 0.2877, 0.3889



58.0623, 0.2860, 0.2583



58.0623, 0.3768, 0.4090

Square

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



58.0623, 0.2860, 0.2583



58.0623, 0.4042, 0.3473



58.0623, 0.3342, 0.4129



58.0623, 0.2292, 0.2996

Rectangle

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



58.0623, 0.2860, 0.2583



58.0623, 0.3644, 0.2985



58.0623, 0.3342, 0.4129



58.0623, 0.2609, 0.3607

Sweetspot

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



58.0640, 0.2860, 0.2583



85.4027, 0.3055, 0.3088



74.4581, 0.2721, 0.3013



17.7279, 0.3041, 0.3049



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.



58.0640, 0.2860, 0.2583



51.5447, 0.2795, 0.2428



63.4339, 0.3099, 0.2632



17.7279, 0.3041, 0.3049



5.2925, 0.1835, 0.0784



0.5765, 0.1960, 0.0853

Inverse Universe

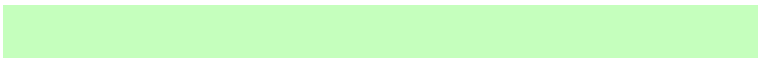
The Inverse Universe completely reimagines the original color for something new.



63.2974, 0.3355, 0.2887



57.6596, 0.3413, 0.2804



87.0204, 0.3139, 0.4024



18.1716, 0.3199, 0.3147



12.3618, 0.4525, 0.2266



1.2252, 0.4333, 0.2161

Previews

White Background



This preview shows how the Yxy color 58.0623, 0.2860, 0.2583 looks on a white background.

Color Contrast Check

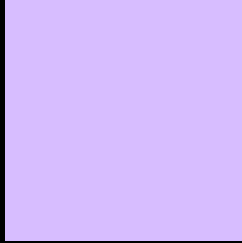
Large Text (above 18pt) WCAG AA × Fail

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 58.0623, 0.2860, 0.2583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

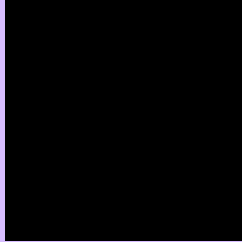
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.0623, 0.2860, 0.2583

Background



This preview shows how black text looks on a background with the Yxy color 58.0623, 0.2860, 0.2583.

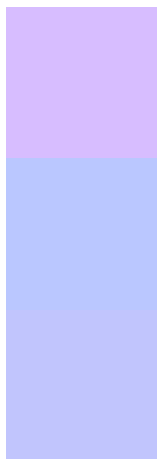


This preview shows how white text looks on a background with the Yxy color 58.0623, 0.2860, 0.2583.

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

58.0623, 0.2860, 0.2583

Protanopia

58.5060, 0.2669, 0.2659

Deuteranopia

58.3618, 0.2724, 0.2664



Tritanopia

58.0959, 0.3104, 0.3117

Trichromacy



Original Color

58.0623, 0.2860, 0.2583

Protanomaly

58.1205, 0.2737, 0.2626

Deuteranomaly

58.1568, 0.2770, 0.2629

Tritanomaly

58.0339, 0.3014, 0.2907

Monochromacy



Original Color

58.0623, 0.2860, 0.2583

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.5845, 0.3026, 0.3017

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0623, 0.2860, 0.2583 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(215, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(215, 189, 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(215, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 189, 255) }
```

Border

The CSS property to change the border of an element to Yxy 58.0623, 0.2860, 0.2583 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(215, 189, 255) }
```

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

```
.border{ border-color:rgb(215, 189, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(215, 189,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0623, 0.2860, 0.2583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 189, 255) }
```

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

```
.background{ background-color: rgb(215,  
189, 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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