

Converting Colors

Yxy(61.4563, 0.3085, 0.2983)

Have a look what the booklet for
Yxy(61.4563, 0.3085, 0.2983)
contains.

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Color

Yxy(61.4530, 0.3080, 0.2981)

Conversions

Conversions Part 1

Format	Color
Hex	DBC7E3
RGB	219, 199, 227
RGB Percent	86%, 78%, 89%
CMY	0.1413, 0.2195, 0.1097
CMYK	0.04, 0.12, 0.00, 0.11
HSL	283°, 33%, 84%
HSV	283°, 12%, 89%
XYZ	63.4939, 61.4530, 81.2021
YIQ	208.1720, 2.9320, 12.9480

Conversions

Conversions Part 2

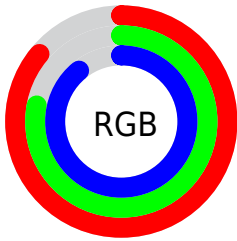
Format	Color
R _Y B	219, 199, 227
Decimal	14403555
CIE Lab	82.62, 11.99, -11.33
CIE LCh	83, 16.501, 316.623
Yxy	61.4530, 0.3080, 0.2981
Android (android.graphics.Color)	4292593635 (0xFFDBC7E3)
YUV	208.1720, 9.2822, 9.4962
Hunter-Lab	78.3920, 7.3908, -6.5410

Details

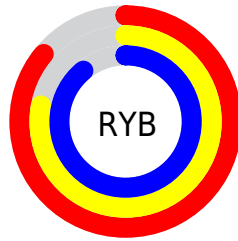
The Yxy color **61.4530, 0.3080, 0.2981** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.3511, 0.3168, 0.3608**, and the grayscale version is **63.1301, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.1219, 0.3064, 0.2900** is the 20% darker color. If you saturate the color by 10%, you get **50.7812, 0.3033, 0.2715**, and if you desaturate by 10%, it is **73.7283, 0.3119, 0.3233**.

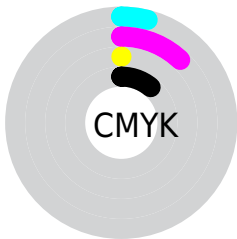
Distribution



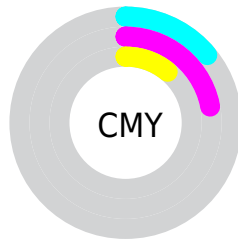
- Red (86%)
- Green (78%)
- Blue (89%)



- Red (86%)
- Yellow (78%)
- Blue (89%)



- Cyan (4%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)



- Cyan (14%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.4530, 0.3080, 0.2981 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 61.4530, 0.3080, 0.2981 by changing the saturation by 10% instead.

61.4530, 0.3080,
0.2981

61.4530, 0.3080,
0.2981

429.9330, 0.3104,
0.3125

44.5909, 0.3074,
0.2948

106.9346, 0.3089,
0.3031

31.1353, 0.3067,
0.2907

136.3228, 0.3092,
0.3051

20.7019, 0.3057,
0.2854

170.6552, 0.3095,
0.3067

12.9063, 0.3043,
0.2785

210.3161, 0.3097,
0.3082

7.3640, 0.3023,
0.2691

255.6899, 0.3099,
0.3095

3.6908, 0.2991,
0.2554

307.1611, 0.3101,

1.5021, 0.2933,

0.3106

0.2336

365.1140, 0.3102,
0.3116

0.2902, 0.2880,
0.1470

0.0000, 0.0000,
0.0000

61.4530, 0.3080,
0.2981

61.4530, 0.3080,
0.2981

50.7812, 0.3033,
0.2715

73.7283, 0.3119,
0.3233

41.6358, 0.2979,
0.2442

87.6642, 0.3151,
0.3469

33.9450, 0.2917,
0.2170

95.3432, 0.3186,
0.3571

27.6282, 0.2847,
0.1910

96.4992, 0.3228,
0.3567

■ 22.5968, 0.2773,
0.1672

■ 97.6968, 0.3270,
0.3563

■ 18.7513, 0.2695,
0.1469

■ 98.3272, 0.3291,
0.3562

■ 15.9775, 0.2616,
0.1310

■ 14.1381, 0.2539,
0.1199

■ 13.1908, 0.2482,
0.1141

Harmonies

Analogous

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



61.4530, 0.2886, 0.2938



61.4530, 0.3080, 0.2981



61.4530, 0.3293, 0.3100

Triad

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



61.4530, 0.3080, 0.2981



61.4530, 0.3506, 0.3591



61.4530, 0.2799, 0.3300

Complementary

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



61.4530, 0.3080, 0.2981



72.3511, 0.3168, 0.3608

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.



61.4530, 0.2957, 0.3492



61.4530, 0.3080, 0.2981



61.4530, 0.3365, 0.3661

Square

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



61.4530, 0.3080, 0.2981



61.4530, 0.3543, 0.3445



61.4530, 0.3163, 0.3626



61.4530, 0.2728, 0.3113

Rectangle

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



61.4530, 0.3080, 0.2981



61.4530, 0.3415, 0.3208



61.4530, 0.3163, 0.3626



61.4530, 0.2844, 0.3366

Sweetspot

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



61.4556, 0.3080, 0.2981



93.1110, 0.3113, 0.3192



62.5207, 0.2934, 0.3065



19.6606, 0.3110, 0.3173



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.



61.4556, 0.3080, 0.2981



75.9472, 0.3068, 0.2909



62.4323, 0.3182, 0.3046



14.3958, 0.3092, 0.3055



7.7536, 0.2493, 0.1147



0.6197, 0.2601, 0.1206

Inverse Universe

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



61.6985, 0.3289, 0.3201



76.3454, 0.3331, 0.3180



71.4834, 0.3077, 0.3547



14.4359, 0.3247, 0.3223



9.7669, 0.5799, 0.2968



0.7374, 0.5382, 0.2738

Previews

White Background



This preview shows how the Yxy color 61.4530, 0.3080, 0.2981 looks on a white background.

Color Contrast Check

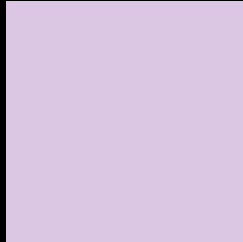
Large Text (above 18pt) WCAG AA × Fail

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 61.4530, 0.3080, 0.2981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

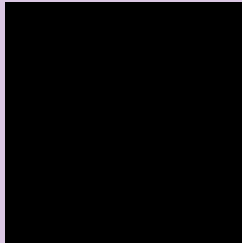
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.4530, 0.3080, 0.2981

Background



This preview shows how black text looks on a background with the Yxy color 61.4530, 0.3080, 0.2981.



This preview shows how white text looks on a background with the Yxy color 61.4530, 0.3080, 0.2981.

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

61.4530, 0.3080, 0.2981

Protanopia

61.4555, 0.2935, 0.2994

Deuteranopia

61.4535, 0.3058, 0.2990



Tritanopia

61.5348, 0.3136, 0.3111

Trichromacy



Original Color

61.4530, 0.3080, 0.2981

Protanomaly

61.3081, 0.2984, 0.2986

Deuteranomaly

61.6063, 0.3065, 0.2991

Tritanomaly

61.4344, 0.3115, 0.3056

Monochromacy



Original Color

61.4530, 0.3080, 0.2981

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.5660, 0.3110, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4530, 0.3080, 0.2981 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(219, 199, 227)` looks like.

```
.text, #text, p{  
    color:rgb(219, 199, 227)  
}
```

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(219, 199, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 199, 227) }
```

Border

The CSS property to change the border of an element to Yxy 61.4530, 0.3080, 0.2981 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(219, 199, 227) }
```

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

```
.border{ border-color:rgb(219, 199, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 199, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 199, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 199, 227); box-shadow:4px 4px 4px 4px rgb(219, 199, 227) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4530, 0.3080, 0.2981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 199, 227) }
```

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

```
.background{ background-color: rgb(219,  
199, 227) }
```

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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