

Converting Colors

$Yxy(62.5592, 0.2951, 0.2785)$

Have a look what the booklet for
Yxy(62.5592, 0.2951, 0.2785)
contains.

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Color

Yxy(62.5607, 0.2951, 0.2785)

Conversions

Conversions Part 1

Format	Color
Hex	DBC7F6
RGB	219, 199, 246
RGB Percent	86%, 78%, 96%
CMY	0.1409, 0.2197, 0.0352
CMYK	0.11, 0.19, 0.00, 0.04
HSL	266°, 72%, 87%
HSV	266°, 19%, 96%
XYZ	66.2896, 62.5607, 95.7841
YIQ	210.3380, -3.1670, 18.8570

Conversions

Conversions Part 2

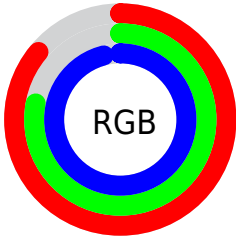
Format	Color
R _Y B	219, 199, 246
Decimal	14403574
CIE Lab	83.21, 15.78, -20.58
CIE LCh	83, 25.934, 307.473
Yxy	62.5607, 0.2951, 0.2785
Android (android.graphics.Color)	4292593654 (0xFFDBC7F6)
YUV	210.3380, 17.5814, 7.5966
Hunter-Lab	79.0953, 11.1837, -16.4332

Details

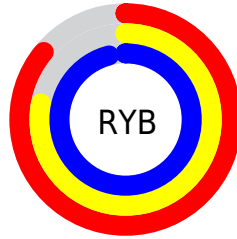
The Yxy color **62.5607, 0.2951, 0.2785** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.2013, 0.3279, 0.3788**, and the grayscale version is **64.5733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.8610, 0.2903, 0.2663** is the 20% darker color. If you saturate the color by 10%, you get **50.0493, 0.2838, 0.2491**, and if you desaturate by 10%, it is **77.0923, 0.3050, 0.3060**.

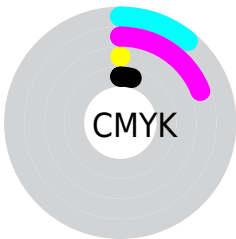
Distribution



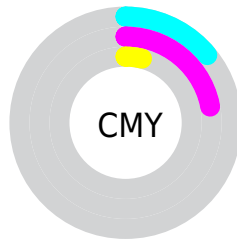
- Red (86%)
- Green (78%)
- Blue (96%)



- Red (86%)
- Yellow (78%)
- Blue (96%)



- Cyan (11%)
- Magenta (19%)
- Yellow (0%)
- Black (4%)



- Cyan (14%)
- Magenta (22%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5607, 0.2951, 0.2785 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 62.5607, 0.2951, 0.2785 by changing the saturation by 10% instead.

62.5607, 0.2951,
0.2785

62.5607, 0.2951,
0.2785

433.9734, 0.3037,
0.3017

45.4859, 0.2930,
0.2733

108.5355, 0.2982,
0.2865

31.8403, 0.2904,
0.2668

138.2043, 0.2993,
0.2896

21.2396, 0.2871,
0.2588

172.8399, 0.3003,
0.2923

13.2992, 0.2826,
0.2483

212.8266, 0.3012,
0.2947

7.6349, 0.2762,
0.2343

258.5490, 0.3019,
0.2967

3.8622, 0.2666,
0.2146

310.3913, 0.3026,

1.5968, 0.2509,

0.2986

0.1853

368.7380, 0.3032,
0.3002

0.3554, 0.2269,
0.1115

0.0000, 0.0000,
0.0000

62.5607, 0.2951,
0.2785

62.5607, 0.2951,
0.2785

50.0493, 0.2838,
0.2491

77.0923, 0.3050,
0.3060

39.4580, 0.2710,
0.2184

93.7226, 0.3134,
0.3311

30.6895, 0.2571,
0.1875

99.4349, 0.3179,
0.3376

23.6349, 0.2423,
0.1578

■ 18.1731, 0.2273,
0.1310

■ 14.1664, 0.2128,
0.1086

■ 11.4522, 0.1996,
0.0921

■ 9.7871, 0.1882,
0.0813

■ 9.6644, 0.1873,
0.0805

Harmonies

Analogous

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



62.5607, 0.2680, 0.2754



62.5607, 0.2951, 0.2785



62.5607, 0.3283, 0.2933

Triad

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



62.5607, 0.2951, 0.2785



62.5607, 0.3756, 0.3689



62.5607, 0.2681, 0.3397

Complementary

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



62.5607, 0.2951, 0.2785



86.2013, 0.3279, 0.3788

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.



62.5607, 0.2951, 0.3691



62.5607, 0.2951, 0.2785



62.5607, 0.3575, 0.3852

Square

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



62.5607, 0.2951, 0.2785



62.5607, 0.3762, 0.3438



62.5607, 0.3278, 0.3861



62.5607, 0.2531, 0.3088

Rectangle

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



62.5607, 0.2951, 0.2785



62.5607, 0.3495, 0.3082



62.5607, 0.3278, 0.3861



62.5607, 0.2760, 0.3502

Sweetspot

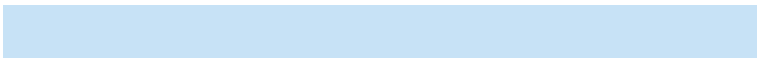
The Sweet Spot groups the original color and five complimentary colors.



62.5633, 0.2951, 0.2785



88.9993, 0.3077, 0.3140



73.4145, 0.2827, 0.3075



18.8040, 0.3072, 0.3124



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.



62.5633, 0.2951, 0.2785



62.2939, 0.2908, 0.2672



66.3864, 0.3120, 0.2810



16.2728, 0.3046, 0.3050



5.2365, 0.1889, 0.0814



0.5195, 0.2028, 0.0891

Inverse Universe

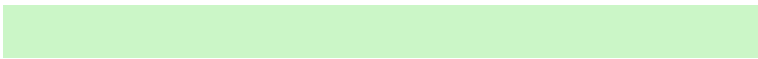
The Inverse Universe completely reimagines the original color for something new.



65.9196, 0.3296, 0.3012



66.6080, 0.3339, 0.2952



82.7274, 0.3127, 0.3812



16.6416, 0.3204, 0.3155



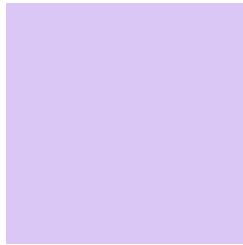
11.5115, 0.4654, 0.2337



1.0323, 0.4422, 0.2210

Previews

White Background



This preview shows how the Yxy color 62.5607, 0.2951, 0.2785 looks on a white background.

Color Contrast Check

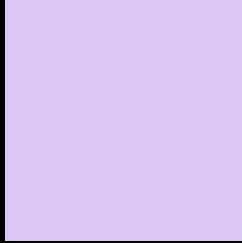
Large Text (above 18pt) WCAG AA × Fail

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 62.5607, 0.2951, 0.2785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

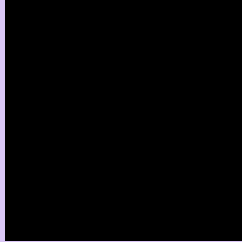
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.5607, 0.2951, 0.2785

Background



This preview shows how black text looks on a background with the Yxy color 62.5607, 0.2951, 0.2785.

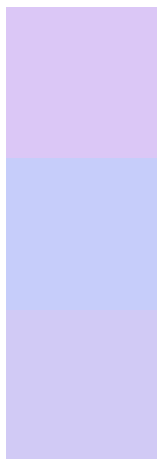


This preview shows how white text looks on a background with the Yxy color 62.5607, 0.2951, 0.2785.

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

62.5607, 0.2951, 0.2785

Protanopia

62.5705, 0.2782, 0.2791

Deuteranopia

62.3889, 0.2887, 0.2819



Tritanopia

62.8001, 0.3098, 0.3111

Trichromacy



Original Color

62.5607, 0.2951, 0.2785

Protanomaly

62.6732, 0.2841, 0.2786

Deuteranomaly

62.5120, 0.2915, 0.2811

Tritanomaly

62.4971, 0.3043, 0.2991

Monochromacy



Original Color

62.5607, 0.2951, 0.2785

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.6165, 0.3062, 0.3100

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5607, 0.2951, 0.2785 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, 246)` looks like.

```
.text, #text, p{  
    color:rgb(219, 199, 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(219, 199, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 199, 246) }
```

Border

The CSS property to change the border of an element to Yxy 62.5607, 0.2951, 0.2785 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, 246) }
```

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

```
.border{ border-color:rgb(219, 199, 246) }
```

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, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 199, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 199, 246);  
box-shadow:4px 4px 4px 4px rgb(219, 199,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5607, 0.2951, 0.2785 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, 246) }
```

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

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