

Converting Colors

$Yxy(61.8357, 0.2943, 0.2787)$

Have a look what the booklet for
Yxy(61.8357, 0.2943, 0.2787)
contains.

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Color

Yxy(61.7325, 0.2943, 0.2782)

Conversions

Conversions Part 1

Format	Color
Hex	D9C6F5
RGB	217, 198, 245
RGB Percent	85%, 78%, 96%
CMY	0.1488, 0.2236, 0.0392
CMYK	0.11, 0.19, 0.00, 0.04
HSL	264°, 70%, 87%
HSV	264°, 19%, 96%
XYZ	65.3051, 61.7325, 94.8621
YIQ	209.0390, -3.7630, 18.6450

Conversions

Conversions Part 2

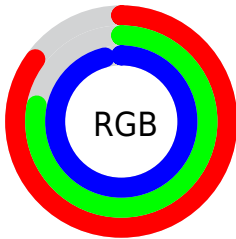
Format	Color
R _Y B	217, 198, 245
Decimal	14272245
CIE Lab	82.77, 15.47, -20.72
CIE LCh	83, 25.859, 306.737
Yxy	61.7325, 0.2943, 0.2782
Android (android.graphics.Color)	4292462325 (0xFFD9C6F5)
YUV	209.0390, 17.7288, 6.9818
Hunter-Lab	78.5700, 10.8664, -16.5852

Details

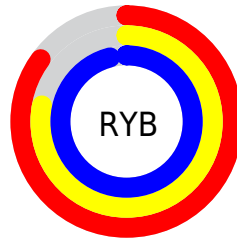
The Yxy color $61.7325, 0.2943, 0.2782$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $85.5399, 0.3286, 0.3789$, and the grayscale version is $63.6775, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.3020, 0.2892, 0.2658$ is the 20% darker color. If you saturate the color by 10%, you get $49.2930, 0.2825, 0.2486$, and if you desaturate by 10%, it is $76.1855, 0.3046, 0.3058$.

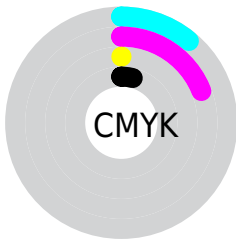
Distribution



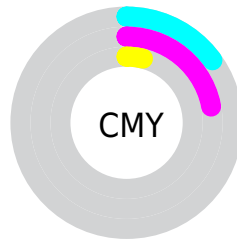
- Red (85%)
- Green (78%)
- Blue (96%)



- Red (85%)
- Yellow (78%)
- Blue (96%)



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



- Cyan (15%)
- Magenta (22%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.7325, 0.2943, 0.2782 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 61.7325, 0.2943, 0.2782 by changing the saturation by 10% instead.

61.7325, 0.2943,
0.2782

61.7325, 0.2943,
0.2782

430.9547, 0.3033,
0.3016

44.8166, 0.2921,
0.2729

107.3388, 0.2975,
0.2863

31.3130, 0.2894,
0.2664

136.7980, 0.2987,
0.2894

20.8373, 0.2859,
0.2582

171.2071, 0.2998,
0.2921

13.0051, 0.2812,
0.2476

210.9505, 0.3007,
0.2945

7.4321, 0.2745,
0.2334

256.4125, 0.3014,
0.2966

3.7338, 0.2644,
0.2133

307.9776, 0.3021,

1.5258, 0.2479,

0.2984

0.1833

366.0302, 0.3027,
0.3001

0.3068, 0.2221,
0.1018

0.0000, 0.0000,
0.0000

61.7325, 0.2943,
0.2782

61.7325, 0.2943,
0.2782

49.2930, 0.2825,
0.2486

76.1855, 0.3046,
0.3058

38.7672, 0.2693,
0.2177

92.7302, 0.3134,
0.3309

30.0583, 0.2549,
0.1865

99.3728, 0.3185,
0.3386

23.0577, 0.2396,
0.1565

■ 17.6448, 0.2242,
0.1294

■ 13.6824, 0.2094,
0.1068

■ 11.0089, 0.1960,
0.0901

■ 9.3797, 0.1846,
0.0793

■ 9.2696, 0.1837,
0.0786

Harmonies

Analogous

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



61.7325, 0.2674, 0.2755



61.7325, 0.2943, 0.2782



61.7325, 0.3275, 0.2928

Triad

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



61.7325, 0.2943, 0.2782



61.7325, 0.3760, 0.3684



61.7325, 0.2685, 0.3405

Complementary

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



61.7325, 0.2943, 0.2782



85.5399, 0.3286, 0.3789

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.



61.7325, 0.2958, 0.3698



61.7325, 0.2943, 0.2782



61.7325, 0.3582, 0.3850

Square

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



61.7325, 0.2943, 0.2782



61.7325, 0.3761, 0.3431



61.7325, 0.3286, 0.3863



61.7325, 0.2532, 0.3094

Rectangle

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



61.7325, 0.2943, 0.2782



61.7325, 0.3488, 0.3076



61.7325, 0.3286, 0.3863



61.7325, 0.2766, 0.3510

Sweetspot

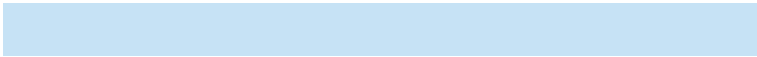
The Sweet Spot groups the original color and five complimentary colors.



61.7351, 0.2943, 0.2782



88.9401, 0.3075, 0.3140



73.0956, 0.2827, 0.3083



18.7901, 0.3069, 0.3123



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.



61.7351, 0.2943, 0.2782



62.0972, 0.2899, 0.2670



65.5515, 0.3114, 0.2808



16.2550, 0.3043, 0.3050



5.0694, 0.1854, 0.0795



0.5039, 0.1993, 0.0871

Inverse Universe

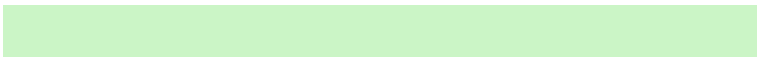
The Inverse Universe completely reimagines the original color for something new.



65.2805, 0.3289, 0.3000



66.6787, 0.3329, 0.2940



82.0361, 0.3133, 0.3813



16.6478, 0.3200, 0.3150



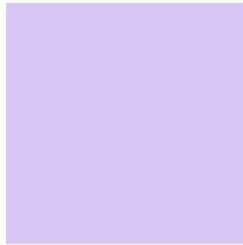
11.5970, 0.4565, 0.2288



1.0396, 0.4348, 0.2169

Previews

White Background



This preview shows how the Yxy color 61.7325, 0.2943, 0.2782 looks on a white background.

Color Contrast Check

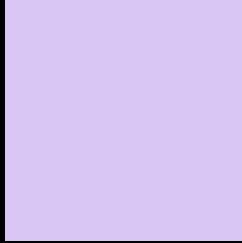
Large Text (above 18pt) WCAG AA × Fail

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 61.7325, 0.2943, 0.2782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

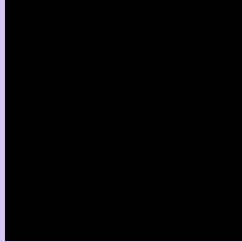
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.7325, 0.2943, 0.2782

Background



This preview shows how black text looks on a background with the Yxy color 61.7325, 0.2943, 0.2782.

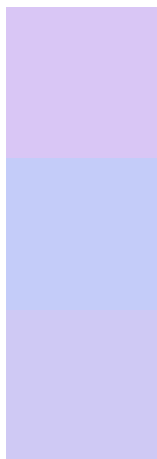


This preview shows how white text looks on a background with the Yxy color 61.7325, 0.2943, 0.2782.

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

61.7325, 0.2943, 0.2782

Protanopia

61.7610, 0.2774, 0.2788

Deuteranopia

61.5703, 0.2879, 0.2816



Tritanopia

61.9725, 0.3090, 0.3110

Trichromacy



Original Color

61.7325, 0.2943, 0.2782

Protanomaly

61.8557, 0.2833, 0.2783

Deuteranomaly

61.6891, 0.2907, 0.2808

Tritanomaly

61.6709, 0.3036, 0.2989

Monochromacy



Original Color

61.7325, 0.2943, 0.2782

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.9336, 0.3061, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7325, 0.2943, 0.2782 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(217, 198, 245)` looks like.

```
.text, #text, p{  
    color:rgb(217, 198, 245)  
}
```

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(217, 198, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 198, 245) }
```

Border

The CSS property to change the border of an element to Yxy 61.7325, 0.2943, 0.2782 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(217, 198, 245) }
```

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

```
.border{ border-color:rgb(217, 198, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 198, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 198, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 198, 245);  
box-shadow:4px 4px 4px 4px rgb(217, 198,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7325, 0.2943, 0.2782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 198, 245) }
```

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

```
.background{ background-color: rgb(217,  
198, 245) }
```

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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