

Converting Colors

$Y_{xy}(56.2801, 0.2965, 0.2788)$

Have a look what the booklet for
Yxy(56.2801, 0.2965, 0.2788)
contains.

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Color

Yxy(56.0373, 0.2964, 0.2785)

Conversions

Conversions Part 1

Format	Color
Hex	D2BDEA
RGB	210, 189, 234
RGB Percent	82%, 74%, 92%
CMY	0.1763, 0.2589, 0.0822
CMYK	0.10, 0.19, 0.00, 0.08
HSL	268°, 52%, 83%
HSV	268°, 19%, 92%
XYZ	59.6390, 56.0373, 85.5349
YIQ	200.4090, -1.9290, 18.4470

Conversions

Conversions Part 2

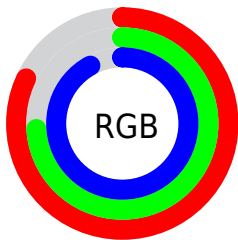
Format	Color
R_{YB}	210, 189, 234
Decimal	13811178
CIE _{Lab}	79.64, 15.84, -19.65
CIE _{LCh}	80, 25.239, 308.862
Yxy	56.0373, 0.2964, 0.2785
Android (android.graphics.Color)	4292001258 (0xFFD2BDEA)
YUV	200.4090, 16.5604, 8.4113
Hunter-Lab	74.8581, 11.2083, -15.3457

Details

The Yxy color $56.0373, 0.2964, 0.2785$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $76.6768, 0.3267, 0.3793$, and the grayscale version is $57.9255, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.7848, 0.3132, 0.3194$, and $27.7912, 0.2918, 0.2671$ is the 20% darker color. If you saturate the color by 10%, you get $45.0125, 0.2859, 0.2495$, and if you desaturate by 10%, it is $68.8337, 0.3055, 0.3057$.

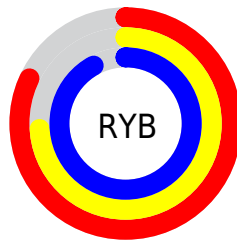
Distribution



Red (82%)

Green (74%)

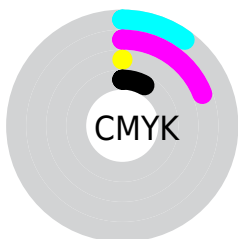
Blue (92%)



Red (82%)

Yellow (74%)

Blue (92%)

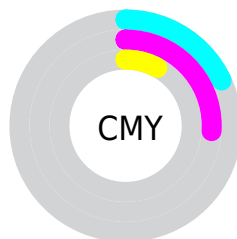


Cyan (10%)

Magenta (19%)

Yellow (0%)

Black (8%)



Cyan (18%)

Magenta (26%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.0373, 0.2964, 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 56.0373, 0.2964, 0.2785 by changing the saturation by 10% instead.

■ 56.0373, 0.2964,
0.2785

■ 56.0373, 0.2964,
0.2785

■ 409.8321, 0.3045,
0.3021

■ 40.2328, 0.2944,
0.2731

■ 99.0591, 0.2993,
0.2867

■ 27.7201, 0.2918,
0.2663

■ 127.0452, 0.3005,
0.2899

■ 18.1148, 0.2885,
0.2578

■ 159.8607, 0.3014,
0.2927

■ 11.0324, 0.2839,
0.2465

■ 197.8899, 0.3022,
0.2951

■ 6.0887, 0.2773,
0.2312

■ 241.5173, 0.3029,
0.2971

■ 2.8991, 0.2669,
0.2092

■ 291.1271, 0.3035,

■ 1.0793, 0.2491,

0.2990

0.1753

347.1039, 0.3041,
0.3006

0.0000, 0.2017,
0.0000

0.0000, 0.0000,
0.0000

56.0373, 0.2964,
0.2785

56.0373, 0.2964,
0.2785

45.0125, 0.2859,
0.2495

68.8337, 0.3055,
0.3057

35.6712, 0.2741,
0.2193

83.4702, 0.3133,
0.3308

27.9283, 0.2612,
0.1890

97.3144, 0.3201,
0.3496

21.6881, 0.2474,
0.1601

98.7221, 0.3250,
0.3493

■ 16.8444, 0.2333,
0.1340

■ 13.2764, 0.2195,
0.1122

■ 10.8414, 0.2068,
0.0960

■ 9.3177, 0.1955,
0.0853

■ 9.2192, 0.1947,
0.0846

Harmonies

Analogous

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



56.0373, 0.2687, 0.2748



56.0373, 0.2964, 0.2785



56.0373, 0.3300, 0.2939

Triad

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



56.0373, 0.2964, 0.2785



56.0373, 0.3758, 0.3703



56.0373, 0.2667, 0.3383

Complementary

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



56.0373, 0.2964, 0.2785



76.6768, 0.3267, 0.3793

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.



56.0373, 0.2935, 0.3683



56.0373, 0.2964, 0.2785



56.0373, 0.3567, 0.3862

Square

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



56.0373, 0.2964, 0.2785



56.0373, 0.3772, 0.3452



56.0373, 0.3264, 0.3862



56.0373, 0.2522, 0.3073

Rectangle

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



56.0373, 0.2964, 0.2785



56.0373, 0.3512, 0.3091



56.0373, 0.3264, 0.3862



56.0373, 0.2745, 0.3490

Sweetspot

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



56.0397, 0.2964, 0.2785



89.1111, 0.3081, 0.3141



64.3521, 0.2825, 0.3048



18.8304, 0.3076, 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.



56.0397, 0.2964, 0.2785



62.6683, 0.2925, 0.2675



59.5757, 0.3138, 0.2811



14.8941, 0.3053, 0.3052



5.2527, 0.1963, 0.0855



0.4692, 0.2116, 0.0939

Inverse Universe

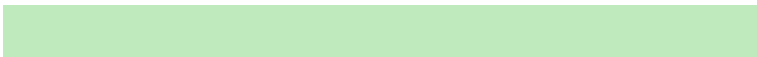
The Inverse Universe completely reimagines the original color for something new.



58.6893, 0.3311, 0.3030



66.4762, 0.3357, 0.2975



73.5451, 0.3112, 0.3817



15.1881, 0.3210, 0.3165



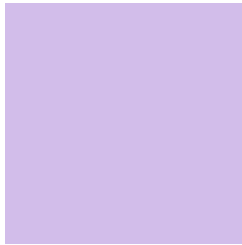
10.6819, 0.4819, 0.2428



0.8582, 0.4535, 0.2272

Previews

White Background



This preview shows how the Yxy color 56.0373, 0.2964, 0.2785 looks on a white background.

Color Contrast Check

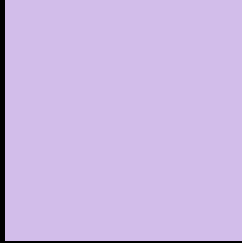
Large Text (above 18pt) WCAG AA × Fail

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 56.0373, 0.2964, 0.2785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

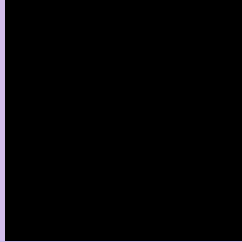
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.0373, 0.2964, 0.2785

Background



This preview shows how black text looks on a background with the Yxy color 56.0373, 0.2964, 0.2785.



This preview shows how white text looks on a background with the Yxy color 56.0373, 0.2964, 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

56.0373, 0.2964, 0.2785

Protanopia

56.4032, 0.2774, 0.2791

Deuteranopia

56.1652, 0.2890, 0.2831



Tritanopia

55.8652, 0.3112, 0.3103

Trichromacy



Original Color

56.0373, 0.2964, 0.2785

Protanomaly

55.9901, 0.2841, 0.2785

Deuteranomaly

56.2790, 0.2919, 0.2823

Tritanomaly

56.0266, 0.3054, 0.2990

Monochromacy



Original Color

56.0373, 0.2964, 0.2785

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.0707, 0.3073, 0.3103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0373, 0.2964, 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(210, 189, 234)` looks like.

```
.text, #text, p{  
    color:rgb(210, 189, 234)  
}
```

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(210, 189, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 189, 234) }
```

Border

The CSS property to change the border of an element to Yxy 56.0373, 0.2964, 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(210, 189, 234) }
```

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

```
.border{ border-color:rgb(210, 189, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 189, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 189, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 189, 234);  
box-shadow:4px 4px 4px 4px rgb(210, 189,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0373, 0.2964, 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(210, 189, 234) }
```

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

```
.background{ background-color: rgb(210,  
189, 234) }
```

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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