

Converting Colors

Yxy(56.6813, 0.3079, 0.2960)

Have a look what the booklet for
Yxy(56.6813, 0.3079, 0.2960)
contains.

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Color

Yxy(56.4260, 0.3079, 0.2960)

Conversions

Conversions Part 1

Format	Color
Hex	D4BFDC
RGB	212, 191, 220
RGB Percent	83%, 75%, 86%
CMY	0.1687, 0.2509, 0.1373
CMYK	0.04, 0.13, 0.00, 0.14
HSL	283°, 29%, 81%
HSV	283°, 13%, 86%
XYZ	58.6945, 56.4260, 75.5079
YIQ	200.5850, 3.2070, 13.4710

Conversions

Conversions Part 2

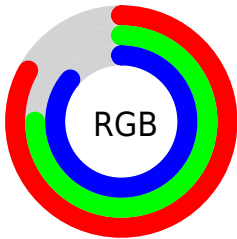
Format	Color
R _Y B	212, 191, 220
Decimal	13942748
CIE Lab	79.86, 12.61, -11.76
CIE LCh	80, 17.245, 317.007
Yxy	56.4260, 0.3079, 0.2960
Android (android.graphics.Color)	4292132828 (0xFFD4BFDC)
YUV	200.5850, 9.5716, 10.0110
Hunter-Lab	75.1172, 8.0197, -7.0163

Details

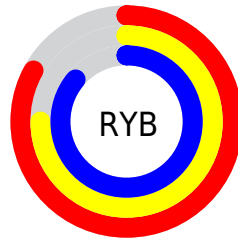
The Yxy color $56.4260, 0.3079, 0.2960$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $67.0971, 0.3169, 0.3630$, and the grayscale version is $58.0764, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.0015, 0.3131, 0.3214$, and $28.0617, 0.3061, 0.2884$ is the 20% darker color. If you saturate the color by 10%, you get $46.6534, 0.3034, 0.2695$, and if you desaturate by 10%, it is $67.6789, 0.3117, 0.3213$.

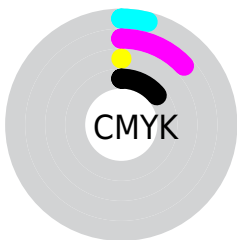
Distribution



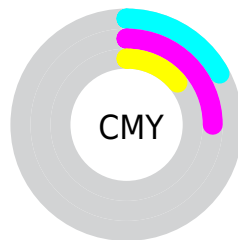
- Red (83%)
- Green (75%)
- Blue (86%)



- Red (83%)
- Yellow (75%)
- Blue (86%)



- Cyan (4%)
- Magenta (13%)
- Yellow (0%)
- Black (14%)




- Cyan (17%)
- Magenta (25%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.4260, 0.3079, 0.2960 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 56.4260, 0.3079, 0.2960 by changing the saturation by 10% instead.

 56.4260, 0.3079,
0.2960

 56.4260, 0.3079,
0.2960


411.2950, 0.3104,
0.3116

 40.5446, 0.3073,
0.2924

 99.6272, 0.3088,
0.3015

 27.9634, 0.3065,
0.2878


127.7157, 0.3092,
0.3036

 18.2981, 0.3054,
0.2820


160.6420, 0.3094,
0.3054

 11.1642, 0.3038,
0.2743

198.7906, 0.3097,
0.3070

 6.1774, 0.3015,
0.2635

242.5458, 0.3099,
0.3083

 2.9532, 0.2978,
0.2476

292.2920, 0.3101,

 1.1074, 0.2908,

0.3096

0.2218

348.4136, 0.3102,
0.3106

0.0000, 0.2667,
0.0000

0.0000, 0.0000,
0.0000

56.4260, 0.3079,
0.2960

56.4260, 0.3079,
0.2960

46.6534, 0.3034,
0.2695

67.6789, 0.3117,
0.3213

38.2895, 0.2982,
0.2423

80.4652, 0.3148,
0.3450

31.2673, 0.2922,
0.2153

93.5520, 0.3174,
0.3648

25.5116, 0.2855,
0.1896

94.5793, 0.3213,
0.3644

■ 20.9398, 0.2783,
0.1663

■ 95.6421, 0.3252,
0.3640

■ 17.4590, 0.2708,
0.1466

■ 96.7408, 0.3291,
0.3636

■ 14.9623, 0.2633,
0.1313

■ 97.8759, 0.3331,
0.3631

■ 13.3204, 0.2559,
0.1207

■ 97.9474, 0.3333,
0.3631

■ 12.5459, 0.2510,
0.1157

Harmonies

Analogous

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



56.4260, 0.2870, 0.2912



56.4260, 0.3079, 0.2960



56.4260, 0.3308, 0.3088

Triad

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



56.4260, 0.3079, 0.2960



56.4260, 0.3533, 0.3614



56.4260, 0.2774, 0.3297

Complementary

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



56.4260, 0.3079, 0.2960



67.0971, 0.3169, 0.3630

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.



56.4260, 0.2941, 0.3505



56.4260, 0.3079, 0.2960



56.4260, 0.3380, 0.3689

Square

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



56.4260, 0.3079, 0.2960



56.4260, 0.3575, 0.3458



56.4260, 0.3162, 0.3651



56.4260, 0.2699, 0.3097

Rectangle

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



56.4260, 0.3079, 0.2960



56.4260, 0.3439, 0.3204



56.4260, 0.3162, 0.3651



56.4260, 0.2821, 0.3369

Sweetspot

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



56.4284, 0.3079, 0.2960



93.1320, 0.3114, 0.3192



57.1972, 0.2920, 0.3043



19.6660, 0.3111, 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.



56.4284, 0.3079, 0.2960



74.5941, 0.3067, 0.2883



57.3245, 0.3190, 0.3035



13.0842, 0.3094, 0.3056



7.4212, 0.2521, 0.1162



0.5229, 0.2637, 0.1227

Inverse Universe

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



56.6092, 0.3303, 0.3199



74.9180, 0.3350, 0.3177



66.3100, 0.3070, 0.3560



13.1105, 0.3248, 0.3225



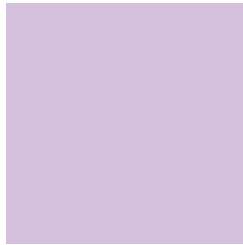
9.1435, 0.5831, 0.2986



0.6068, 0.5361, 0.2727

Previews

White Background



This preview shows how the Yxy color 56.4260, 0.3079, 0.2960 looks on a white background.

Color Contrast Check

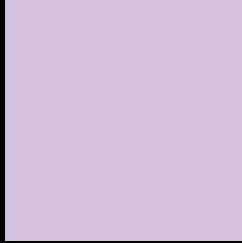
Large Text (above 18pt) WCAG AA × Fail

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 56.4260, 0.3079, 0.2960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

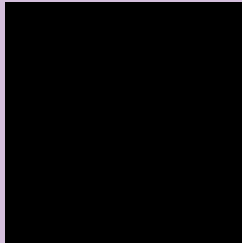
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.4260, 0.3079, 0.2960

Background



This preview shows how black text looks on a background with the Yxy color 56.4260, 0.3079, 0.2960.



This preview shows how white text looks on a background with the Yxy color 56.4260, 0.3079, 0.2960.

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

56.4260, 0.3079, 0.2960

Protanopia

56.7837, 0.2915, 0.2973

Deuteranopia

56.5726, 0.3040, 0.2979



Tritanopia

56.3956, 0.3151, 0.3116

Trichromacy



Original Color

56.4260, 0.3079, 0.2960

Protanomaly

56.7754, 0.2973, 0.2965

Deuteranomaly

56.4219, 0.3056, 0.2969

Tritanomaly

56.3016, 0.3130, 0.3060

Monochromacy



Original Color

56.4260, 0.3079, 0.2960

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.4657, 0.3110, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4260, 0.3079, 0.2960 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(212, 191, 220)` looks like.

```
.text, #text, p{  
    color:rgb(212, 191, 220)  
}
```

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(212, 191, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 191, 220) }
```

Border

The CSS property to change the border of an element to Yxy 56.4260, 0.3079, 0.2960 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(212, 191, 220) }
```

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

```
.border{ border-color:rgb(212, 191, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 191, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 191, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 191, 220);  
box-shadow:4px 4px 4px 4px rgb(212, 191,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4260, 0.3079, 0.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 191, 220) }
```

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

```
.background{ background-color: rgb(212,  
191, 220) }
```

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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