

Converting Colors

Yxy(57.0514, 0.3038, 0.2966)

Have a look what the booklet for
Yxy(57.0514, 0.3038, 0.2966)
contains.

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Color

Yxy(56.8238, 0.3033, 0.2958)

Conversions

Conversions Part 1

Format	Color
Hex	D0C1DE
RGB	208, 193, 222
RGB Percent	82%, 76%, 87%
CMY	0.1844, 0.2431, 0.1294
CMYK	0.06, 0.13, 0.00, 0.13
HSL	271°, 31%, 81%
HSV	271°, 13%, 87%
XYZ	58.2646, 56.8238, 77.0137
YIQ	200.7910, -0.3690, 12.1990

Conversions

Conversions Part 2

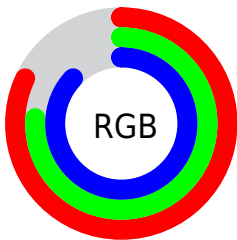
Format	Color
R _Y B	208, 193, 222
Decimal	13681118
CIE _{Lab}	80.08, 10.60, -12.54
CIE _{LCh}	80, 16.422, 310.213
Yxy	56.8238, 0.3033, 0.2958
Android (android.graphics.Color)	4291871198 (0xFFD0C1DE)
YUV	200.7910, 10.4560, 6.3223
Hunter-Lab	75.3816, 6.0500, -7.8067

Details

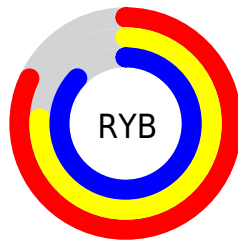
The Yxy color **56.8238, 0.3033, 0.2958** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.3723, 0.3212, 0.3623**, and the grayscale version is **58.2072, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **28.1253, 0.3011, 0.2867** is the 20% darker color. If you saturate the color by 10%, you get **46.2310, 0.2947, 0.2682**, and if you desaturate by 10%, it is **69.0003, 0.3107, 0.3215**.

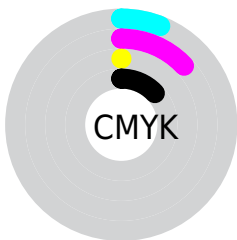
Distribution



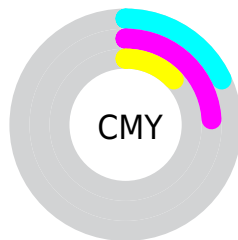
- Red (82%)
- Green (76%)
- Blue (87%)



- Red (82%)
- Yellow (76%)
- Blue (87%)



- Cyan (6%)
- Magenta (13%)
- Yellow (0%)
- Black (13%)





- Cyan (18%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8238, 0.3033, 0.2958 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 56.8238, 0.3033, 0.2958 by changing the saturation by 10% instead.


 56.8238, 0.3033,
0.2958

 56.8238, 0.3033,
0.2958


412.7887, 0.3080,
0.3115

 40.8638, 0.3022,
0.2921


 100.2080, 0.3050,
0.3013

 28.2127, 0.3007,
0.2876

128.4011, 0.3056,
0.3034

 18.4860, 0.2988,
0.2817


161.4406, 0.3062,
0.3053

 11.2995, 0.2961,
0.2739

199.7109, 0.3066,
0.3068

 6.2687, 0.2923,
0.2631

243.5965, 0.3070,
0.3082

 3.0091, 0.2862,
0.2471

293.4817, 0.3074,

 1.1365, 0.2754,

0.3094

0.2211

349.7510, 0.3077,
0.3105

0.0089, 0.2299,
0.0077

0.0000, 0.0000,
0.0000

56.8238, 0.3033,
0.2958

56.8238, 0.3033,
0.2958

46.2310, 0.2947,
0.2682

69.0003, 0.3107,
0.3215

37.1473, 0.2848,
0.2391

82.8167, 0.3169,
0.3451

29.5024, 0.2737,
0.2095

95.3558, 0.3226,
0.3621

23.2178, 0.2616,
0.1804

97.2938, 0.3295,
0.3614

■ 18.2070, 0.2489,
0.1532

■ 98.0547, 0.3321,
0.3611

■ 14.3733, 0.2359,
0.1294

■ 11.6054, 0.2234,
0.1103

■ 9.7693, 0.2118,
0.0967

■ 8.8929, 0.2044,
0.0899

Harmonies

Analogous

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



56.8238, 0.2846, 0.2932



56.8238, 0.3033, 0.2958



56.8238, 0.3251, 0.3065

Triad

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



56.8238, 0.3033, 0.2958



56.8238, 0.3532, 0.3570



56.8238, 0.2820, 0.3344

Complementary

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



56.8238, 0.3033, 0.2958



69.3723, 0.3212, 0.3623

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.



56.8238, 0.2996, 0.3533



56.8238, 0.3033, 0.2958



56.8238, 0.3408, 0.3662

Square

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



56.8238, 0.3033, 0.2958



56.8238, 0.3545, 0.3410



56.8238, 0.3210, 0.3651



56.8238, 0.2727, 0.3146

Rectangle

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



56.8238, 0.3033, 0.2958



56.8238, 0.3385, 0.3169



56.8238, 0.3210, 0.3651



56.8238, 0.2871, 0.3411

Sweetspot

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



56.8262, 0.3033, 0.2958



92.7399, 0.3100, 0.3191



61.4876, 0.2924, 0.3120



19.5667, 0.3095, 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.



56.8262, 0.3033, 0.2958



73.1211, 0.3008, 0.2875



58.9508, 0.3142, 0.2969



13.5895, 0.3061, 0.3053



5.3480, 0.2059, 0.0908



0.4239, 0.2224, 0.0999

Inverse Universe

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



58.1831, 0.3255, 0.3132



75.3914, 0.3290, 0.3094



67.4396, 0.3111, 0.3633



13.8105, 0.3217, 0.3177



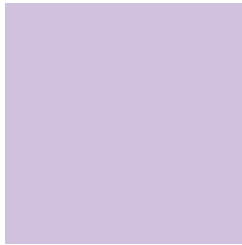
9.8821, 0.5020, 0.2539



0.7030, 0.4667, 0.2345

Previews

White Background



This preview shows how the Yxy color 56.8238, 0.3033, 0.2958 looks on a white background.

Color Contrast Check

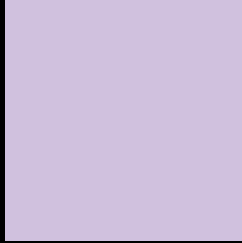
Large Text (above 18pt) WCAG AA × Fail

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 56.8238, 0.3033, 0.2958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

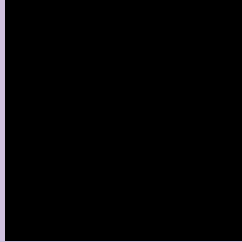
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.8238, 0.3033, 0.2958

Background



This preview shows how black text looks on a background with the Yxy color 56.8238, 0.3033, 0.2958.



This preview shows how white text looks on a background with the Yxy color 56.8238, 0.3033, 0.2958.

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

56.8238, 0.3033, 0.2958

Protanopia

56.8381, 0.2908, 0.2962

Deuteranopia

56.6793, 0.3026, 0.2957



Tritanopia

56.8052, 0.3104, 0.3115

Trichromacy



Original Color

56.8238, 0.3033, 0.2958

Protanomaly

57.0038, 0.2951, 0.2965

Deuteranomaly

56.6793, 0.3026, 0.2957

Tritanomaly

56.7040, 0.3083, 0.3058

Monochromacy



Original Color

56.8238, 0.3033, 0.2958

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.8290, 0.3094, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8238, 0.3033, 0.2958 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(208, 193, 222)` looks like.

```
.text, #text, p{  
    color:rgb(208, 193, 222)  
}
```

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(208, 193, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 193, 222) }
```

Border

The CSS property to change the border of an element to Yxy 56.8238, 0.3033, 0.2958 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(208, 193, 222) }
```

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

```
.border{ border-color:rgb(208, 193, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 193, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 193, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 193, 222);  
box-shadow:4px 4px 4px 4px rgb(208, 193,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8238, 0.3033, 0.2958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 193, 222) }
```

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

```
.background{ background-color: rgb(208,  
193, 222) }
```

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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