

Converting Colors

Yxy(56.6643, 0.3055, 0.2991)

Have a look what the booklet for
Yxy(56.6643, 0.3055, 0.2991)
contains.

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Color

Yxy(56.6643, 0.3055, 0.2991)

Conversions

Conversions Part 1

Format	Color
Hex	D0C1DB
RGB	208, 193, 219
RGB Percent	82%, 76%, 86%
CMY	0.1842, 0.2432, 0.1412
CMYK	0.05, 0.12, 0.00, 0.14
HSL	275°, 27%, 81%
HSV	275°, 12%, 86%
XYZ	57.8768, 56.6643, 74.9083
YIQ	200.4490, 0.5940, 11.2660

Conversions

Conversions Part 2

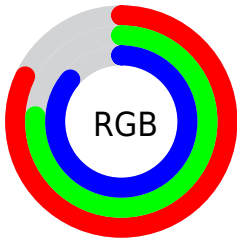
Format	Color
R _Y B	208, 193, 219
Decimal	13681115
CIE Lab	79.99, 10.05, -11.06
CIE LCh	80, 14.939, 312.257
Yxy	56.6643, 0.3055, 0.2991
Android (android.graphics.Color)	4291871195 (0xFFD0C1DB)
YUV	200.4490, 9.1456, 6.6222
Hunter-Lab	75.2757, 5.5098, -6.3076

Details

The Yxy color **56.6643, 0.3055, 0.2991** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.3480, 0.3192, 0.3592**, and the grayscale version is **57.9964, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **28.0156, 0.3040, 0.2910** is the 20% darker color. If you saturate the color by 10%, you get **46.3906, 0.2983, 0.2720**, and if you desaturate by 10%, it is **68.4545, 0.3117, 0.3245**.

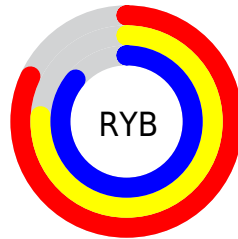
Distribution



Red (82%)

Green (76%)

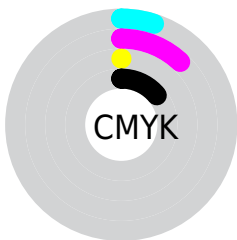
Blue (86%)



Red (82%)

Yellow (76%)

Blue (86%)

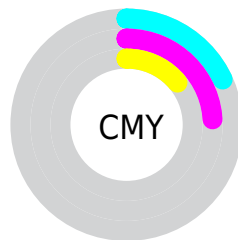


Cyan (5%)

Magenta (12%)

Yellow (0%)

Black (14%)



Cyan (18%)


Magenta (24%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.6643, 0.3055, 0.2991 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 56.6643, 0.3055, 0.2991 by changing the saturation by 10% instead.


 56.6643, 0.3055,
0.2991

 56.6643, 0.3055,
0.2991


412.1902, 0.3091,
0.3133

 40.7358, 0.3046,
0.2958


 99.9752, 0.3068,
0.3041

 28.1127, 0.3035,
0.2916


128.1264, 0.3073,
0.3060

 18.4106, 0.3020,
0.2863

161.1205, 0.3077,
0.3077

 11.2452, 0.2999,
0.2792

199.3421, 0.3081,
0.3091

 6.2320, 0.2969,
0.2693

243.1754, 0.3084,
0.3103

 2.9867, 0.2921,
0.2546

293.0050, 0.3086,

 1.1248, 0.2834,

0.3114

0.2304

349.2151, 0.3089,
0.3124

0.0000, 0.2404,
0.0000

0.0000, 0.0000,
0.0000

56.6643, 0.3055,
0.2991

56.6643, 0.3055,
0.2991

46.3906, 0.2983,
0.2720

68.4545, 0.3117,
0.3245

37.5621, 0.2899,
0.2436

81.8143, 0.3169,
0.3478

30.1125, 0.2804,
0.2148

94.4231, 0.3215,
0.3655

23.9671, 0.2700,
0.1865

96.0425, 0.3274,
0.3648

■ 19.0442, 0.2589,
0.1602

■ 97.7447, 0.3334,
0.3642

■ 15.2524, 0.2475,
0.1370

■ 97.8948, 0.3339,
0.3641

■ 12.4870, 0.2362,
0.1183

■ 10.6228, 0.2255,
0.1048

■ 9.6015, 0.2174,
0.0971

Harmonies

Analogous

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



56.6643, 0.2881, 0.2962



56.6643, 0.3055, 0.2991



56.6643, 0.3254, 0.3093

Triad

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



56.6643, 0.3055, 0.2991



56.6643, 0.3491, 0.3554



56.6643, 0.2839, 0.3327

Complementary

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



56.6643, 0.3055, 0.2991



67.3480, 0.3192, 0.3592

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.



56.6643, 0.2995, 0.3500



56.6643, 0.3055, 0.2991



56.6643, 0.3372, 0.3631

Square

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



56.6643, 0.3055, 0.2991



56.6643, 0.3510, 0.3412



56.6643, 0.3190, 0.3613



56.6643, 0.2759, 0.3149

Rectangle

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



56.6643, 0.3055, 0.2991



56.6643, 0.3373, 0.3190



56.6643, 0.3190, 0.3613



56.6643, 0.2884, 0.3388

Sweetspot

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



56.6667, 0.3055, 0.2991



92.8573, 0.3104, 0.3192



59.7630, 0.2943, 0.3116



19.5964, 0.3100, 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.



56.6667, 0.3055, 0.2991



76.5559, 0.3040, 0.2932



58.2214, 0.3154, 0.3018



12.9872, 0.3071, 0.3055



5.7586, 0.2189, 0.0979



0.4234, 0.2351, 0.1069

Inverse Universe

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



57.5552, 0.3255, 0.3165



78.0405, 0.3282, 0.3141



65.9306, 0.3101, 0.3578



13.1422, 0.3226, 0.3192



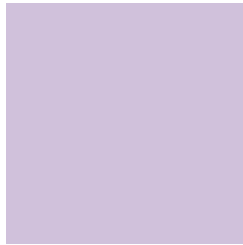
9.4124, 0.5278, 0.2681



0.6268, 0.4860, 0.2451

Previews

White Background



This preview shows how the Yxy color 56.6643, 0.3055, 0.2991 looks on a white background.

Color Contrast Check

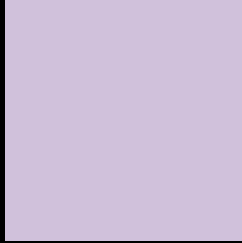
Large Text (above 18pt) WCAG AA × Fail

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 56.6643, 0.3055, 0.2991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

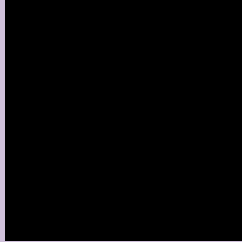
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6643, 0.3055, 0.2991

Background



This preview shows how black text looks on a background with the Yxy color 56.6643, 0.3055, 0.2991.



This preview shows how white text looks on a background with the Yxy color 56.6643, 0.3055, 0.2991.

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

56.6643, 0.3055, 0.2991

Protanopia

56.8085, 0.2935, 0.2996

Deuteranopia

56.6643, 0.3055, 0.2991



Tritanopia

56.9488, 0.3112, 0.3115

Trichromacy



Original Color

56.6643, 0.3055, 0.2991

Protanomaly

56.9797, 0.2979, 0.2999

Deuteranomaly

56.6643, 0.3055, 0.2991

Tritanomaly

56.6531, 0.3090, 0.3070

Monochromacy



Original Color

56.6643, 0.3055, 0.2991

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.1340, 0.3101, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6643, 0.3055, 0.2991 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(208, 193, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 193, 219) }
```

Border

The CSS property to change the border of an element to Yxy 56.6643, 0.3055, 0.2991 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, 219) }
```

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

```
.border{ border-color:rgb(208, 193, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 193, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 193, 219);  
box-shadow:4px 4px 4px 4px rgb(208, 193,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6643, 0.3055, 0.2991 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, 219) }
```

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

```
.background{ background-color: rgb(208,  
193, 219) }
```

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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