

Converting Colors

$Yxy(56.2979, 0.2946, 0.2888)$

Have a look what the booklet for
Yxy(56.2979, 0.2946, 0.2888)
contains.

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Color

Yxy(56.2979, 0.2946, 0.2888)

Conversions

Conversions Part 1

Format	Color
Hex	CAC1E4
RGB	202, 193, 228
RGB Percent	79%, 76%, 89%
CMY	0.2078, 0.2431, 0.1060
CMYK	0.11, 0.15, 0.00, 0.11
HSL	255°, 39%, 83%
HSV	255°, 15%, 89%
XYZ	57.4285, 56.2979, 81.2109
YIQ	199.6810, -5.8710, 12.7930

Conversions

Conversions Part 2

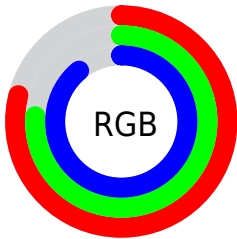
Format	Color
R _Y B	202, 193, 228
Decimal	13287908
CIE Lab	79.78, 9.84, -16.23
CIE LCh	80, 18.984, 301.230
Yxy	56.2979, 0.2946, 0.2888
Android (android.graphics.Color)	4291477988 (0xFFCAC1E4)
YUV	199.6810, 13.9613, 2.0338
Hunter-Lab	75.0319, 5.3159, -11.6502

Details

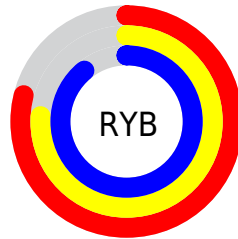
The Yxy color **56.2979, 0.2946, 0.2888** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.3704, 0.3291, 0.3677**, and the grayscale version is **57.4691, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **28.0692, 0.2895, 0.2790** is the 20% darker color. If you saturate the color by 10%, you get **44.7529, 0.2806, 0.2592**, and if you desaturate by 10%, it is **69.6599, 0.3069, 0.3158**.

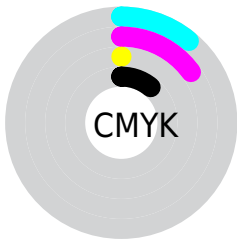
Distribution



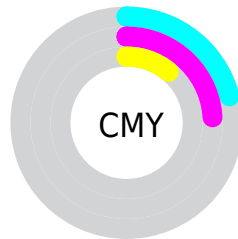
- Red (79%)
- Green (76%)
- Blue (89%)



- Red (79%)
- Yellow (76%)
- Blue (89%)



- Cyan (11%)
- Magenta (15%)
- Yellow (0%)
- Black (11%)



- Cyan (21%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.2979, 0.2946, 0.2888 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 56.2979, 0.2946, 0.2888 by changing the saturation by 10% instead.

■ 56.2979, 0.2946,
0.2888

■ 56.2979, 0.2946,
0.2888

410.8132, 0.3035,
0.3078

■ 40.4418, 0.2924,
0.2844

■ 99.4400, 0.2978,
0.2955

■ 27.8832, 0.2897,
0.2788

127.4948, 0.2990,
0.2980

■ 18.2376, 0.2862,
0.2718

160.3847, 0.3000,
0.3002

■ 11.1207, 0.2813,
0.2624

198.4939, 0.3009,
0.3022

■ 6.1481, 0.2744,
0.2495

242.2070, 0.3017,
0.3038

■ 2.9353, 0.2637,
0.2305

291.9083, 0.3023,

■ 1.0981, 0.2454,

0.3053

0.2001

347.9823, 0.3029,
0.3066

■ 0.0000, 0.1631,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2979, 0.2946,
0.2888

■ 56.2979, 0.2946,
0.2888

■ 44.7529, 0.2806,
0.2592

■ 69.6599, 0.3069,
0.3158

■ 34.9387, 0.2649,
0.2275

■ 84.9063, 0.3174,
0.3399

■ 26.7725, 0.2477,
0.1946

■ 97.9611, 0.3271,
0.3553

■ 20.1616, 0.2298,
0.1619

■ 98.3794, 0.3286,
0.3552

■ 15.0044, 0.2118,
0.1314

■ 11.1863, 0.1949,
0.1052

■ 8.5754, 0.1802,
0.0851

■ 7.0106, 0.1686,
0.0721

■ 6.5211, 0.1643,
0.0679

Harmonies

Analogous

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



56.2979, 0.2753, 0.2888



56.2979, 0.2946, 0.2888



56.2979, 0.3194, 0.2985

Triad

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



56.2979, 0.2946, 0.2888



56.2979, 0.3616, 0.3563



56.2979, 0.2824, 0.3422

Complementary

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



56.2979, 0.2946, 0.2888



74.3704, 0.3291, 0.3677

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.



56.2979, 0.3046, 0.3626



56.2979, 0.2946, 0.2888



56.2979, 0.3507, 0.3700

Square

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



56.2979, 0.2946, 0.2888



56.2979, 0.3590, 0.3364



56.2979, 0.3296, 0.3728



56.2979, 0.2685, 0.3187

Rectangle

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



56.2979, 0.2946, 0.2888



56.2979, 0.3359, 0.3093



56.2979, 0.3296, 0.3728



56.2979, 0.2891, 0.3497

Sweetspot

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



56.3003, 0.2946, 0.2888



90.3820, 0.3072, 0.3165



67.7176, 0.2891, 0.3190



19.0668, 0.3064, 0.3147



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.



56.3003, 0.2946, 0.2888



68.2305, 0.2909, 0.2808



58.8368, 0.3077, 0.2904



14.0657, 0.3020, 0.3050



3.8151, 0.1655, 0.0685



0.3256, 0.1803, 0.0767

Inverse Universe

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



59.7427, 0.3212, 0.3006



73.3916, 0.3230, 0.2953



71.8381, 0.3169, 0.3692



14.5485, 0.3177, 0.3117



11.2042, 0.3988, 0.1970



0.8428, 0.3849, 0.1894

Previews

White Background



This preview shows how the Yxy color 56.2979, 0.2946, 0.2888 looks on a white background.

Color Contrast Check

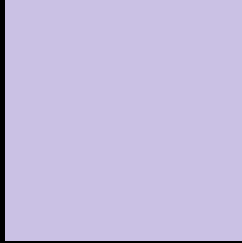
Large Text (above 18pt) WCAG AA × Fail

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 56.2979, 0.2946, 0.2888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

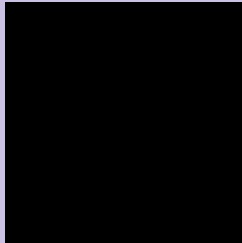
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.2979, 0.2946, 0.2888

Background



This preview shows how black text looks on a background with the Yxy color 56.2979, 0.2946, 0.2888.



This preview shows how white text looks on a background with the Yxy color 56.2979, 0.2946, 0.2888.

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

56.2979, 0.2946, 0.2888

Protanopia

56.2694, 0.2853, 0.2892

Deuteranopia

56.4379, 0.2953, 0.2888



Tritanopia

56.3251, 0.3042, 0.3112

Trichromacy



Original Color

56.2979, 0.2946, 0.2888

Protanomaly

56.2895, 0.2888, 0.2894

Deuteranomaly

56.4379, 0.2953, 0.2888

Tritanomaly

56.3193, 0.3007, 0.3032

Monochromacy



Original Color

56.2979, 0.2946, 0.2888

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.0032, 0.3064, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2979, 0.2946, 0.2888 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(202, 193, 228)` looks like.

```
.text, #text, p{  
    color:rgb(202, 193, 228)  
}
```

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(202, 193, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 193, 228) }
```

Border

The CSS property to change the border of an element to Yxy 56.2979, 0.2946, 0.2888 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(202, 193, 228) }
```

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

```
.border{ border-color:rgb(202, 193, 228) }
```

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

Here you see how a box with a 4 pixel rgb(202, 193, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 193, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 193, 228);  
box-shadow:4px 4px 4px 4px rgb(202, 193,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2979, 0.2946, 0.2888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 193, 228) }
```

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

```
.background{ background-color: rgb(202,  
193, 228) }
```

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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