

Converting Colors

$Yxy(61.3217, 0.2885, 0.2878)$

Have a look what the booklet for
Yxy(61.3217, 0.2885, 0.2878)
contains.

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Color

Yxy(61.1696, 0.2883, 0.2875)

Conversions

Conversions Part 1

Format	Color
Hex	CBCAEF
RGB	203, 202, 239
RGB Percent	80%, 79%, 94%
CMY	0.2038, 0.2079, 0.0626
CMYK	0.15, 0.15, 0.00, 0.06
HSL	242°, 54%, 86%
HSV	242°, 15%, 94%
XYZ	61.3398, 61.1696, 90.2544
YIQ	206.5170, -11.2810, 11.7190

Conversions

Conversions Part 2

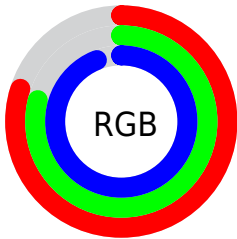
Format	Color
R _Y B	203, 202, 239
Decimal	13355759
CIE Lab	82.47, 7.65, -18.10
CIE LCh	82, 19.648, 292.909
Yxy	61.1696, 0.2883, 0.2875
Android (android.graphics.Color)	4291545839 (0xFFCBCAEF)
YUV	206.5170, 16.0141, -3.0844
Hunter-Lab	78.2110, 3.1259, -13.6721

Details

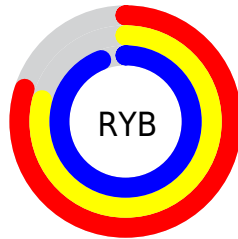
The Yxy color $61.1696, 0.2883, 0.2875$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $84.1848, 0.3352, 0.3675$, and the grayscale version is $61.9762, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $30.9883, 0.2824, 0.2776$ is the 20% darker color. If you saturate the color by 10%, you get $47.7904, 0.2699, 0.2565$, and if you desaturate by 10%, it is $76.7795, 0.3046, 0.3152$.

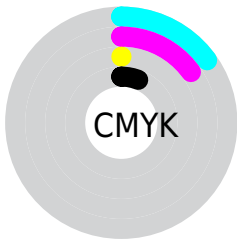
Distribution



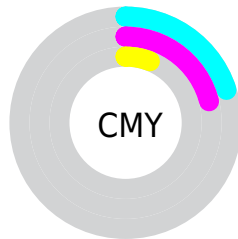
- Red (80%)
- Green (79%)
- Blue (94%)



- Red (80%)
- Yellow (79%)
- Blue (94%)



- Cyan (15%)
- Magenta (15%)
- Yellow (0%)
- Black (6%)



- Cyan (20%)
- Magenta (21%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.1696, 0.2883, 0.2875 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 61.1696, 0.2883, 0.2875 by changing the saturation by 10% instead.

■ 61.1696, 0.2883,
0.2875

■ 61.1696, 0.2883,
0.2875

428.8956, 0.3000,
0.3069

■ 44.3621, 0.2855,
0.2830

106.5245, 0.2924,
0.2942

■ 30.9552, 0.2821,
0.2775

135.8406, 0.2940,
0.2969

■ 20.5648, 0.2776,
0.2705

170.0950, 0.2954,
0.2991

■ 12.8062, 0.2717,
0.2613

209.6721, 0.2965,
0.3011

■ 7.2953, 0.2634,
0.2488

254.9564, 0.2976,
0.3028

■ 3.6474, 0.2511,
0.2308

306.3321, 0.2985,

■ 1.4784, 0.2311,

0.3043

0.2028

364.1837, 0.2993,
0.3057

0.2734, 0.1849,
0.1132

0.0000, 0.0000,
0.0000

61.1696, 0.2883,
0.2875

61.1696, 0.2883,
0.2875

47.7904, 0.2699,
0.2565

76.7795, 0.3046,
0.3152

36.5329, 0.2498,
0.2226

94.7074, 0.3189,
0.3395

27.2905, 0.2286,
0.1872

99.0135, 0.3220,
0.3444

19.9442, 0.2074,
0.1519

■ 14.3626, 0.1877,
0.1195

■ 10.3976, 0.1712,
0.0926

■ 7.8769, 0.1592,
0.0734

■ 6.5890, 0.1523,
0.0630

■ 6.2773, 0.1506,
0.0604

Harmonies

Analogous

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



61.1696, 0.2714, 0.2904



61.1696, 0.2883, 0.2875



61.1696, 0.3123, 0.2947

Triad

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



61.1696, 0.2883, 0.2875



61.1696, 0.3627, 0.3513



61.1696, 0.2878, 0.3486

Complementary

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



61.1696, 0.2883, 0.2875



84.1848, 0.3352, 0.3675

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.



61.1696, 0.3115, 0.3669



61.1696, 0.2883, 0.2875



61.1696, 0.3552, 0.3674

Square

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



61.1696, 0.2883, 0.2875



61.1696, 0.3561, 0.3305



61.1696, 0.3363, 0.3736



61.1696, 0.2711, 0.3250

Rectangle

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



61.1696, 0.2883, 0.2875



61.1696, 0.3294, 0.3043



61.1696, 0.3363, 0.3736



61.1696, 0.2952, 0.3557

Sweetspot

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



61.1721, 0.2883, 0.2875



89.8589, 0.3054, 0.3165



80.1760, 0.2892, 0.3283



18.9401, 0.3043, 0.3146



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.



61.1721, 0.2883, 0.2875



65.0268, 0.2820, 0.2768



63.8617, 0.3013, 0.2891



15.2501, 0.2984, 0.3046



3.4775, 0.1509, 0.0605



0.2968, 0.1532, 0.0618

Inverse Universe

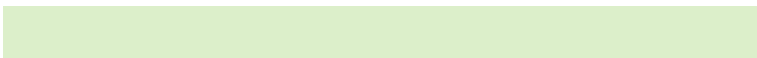
The Inverse Universe completely reimagines the original color for something new.



66.7632, 0.3153, 0.2917



72.7997, 0.3159, 0.2829



81.2106, 0.3228, 0.3691



16.0232, 0.3142, 0.3064



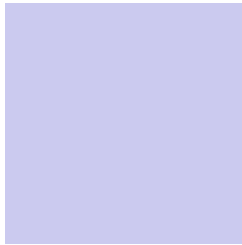
13.3711, 0.3281, 0.1581



1.1148, 0.3271, 0.1576

Previews

White Background



This preview shows how the Yxy color 61.1696, 0.2883, 0.2875 looks on a white background.

Color Contrast Check

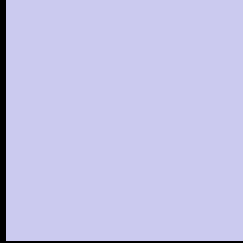
Large Text (above 18pt) WCAG AA × Fail

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 61.1696, 0.2883, 0.2875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

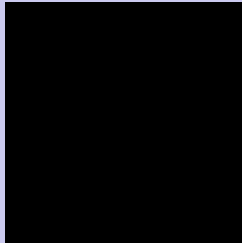
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.1696, 0.2883, 0.2875

Background



This preview shows how black text looks on a background with the Yxy color 61.1696, 0.2883, 0.2875.



This preview shows how white text looks on a background with the Yxy color 61.1696, 0.2883, 0.2875.

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

61.1696, 0.2883, 0.2875

Protanopia

61.0089, 0.2842, 0.2872

Deuteranopia

61.0959, 0.2925, 0.2858



Tritanopia

61.1625, 0.2980, 0.3105

Trichromacy



Original Color

61.1696, 0.2883, 0.2875

Protanomaly

61.2825, 0.2856, 0.2874

Deuteranomaly

61.2707, 0.2911, 0.2867

Tritanomaly

61.2047, 0.2941, 0.3016

Monochromacy



Original Color

61.1696, 0.2883, 0.2875

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.8989, 0.3037, 0.3130

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1696, 0.2883, 0.2875 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(203, 202, 239)` looks like.

```
.text, #text, p{  
    color:rgb(203, 202, 239)  
}
```

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(203, 202, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 202, 239) }
```

Border

The CSS property to change the border of an element to Yxy 61.1696, 0.2883, 0.2875 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(203, 202, 239) }
```

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

```
.border{ border-color:rgb(203, 202, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 202, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 202, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 202, 239);  
box-shadow:4px 4px 4px 4px rgb(203, 202,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1696, 0.2883, 0.2875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 202, 239) }
```

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

```
.background{ background-color: rgb(203,  
202, 239) }
```

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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