

Converting Colors

$Yxy(61.0497, 0.2980, 0.3072)$

Have a look what the booklet for
Yxy(61.0497, 0.2980, 0.3072)
contains.

| | |
|--|----|
| Yxy(61.0700, 0.2981, 0.3072) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(61.0700, 0.2981, 0.3072)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | CACCDF |
| RGB | 202, 204, 223 |
| RGB Percent | 79%, 80%, 87% |
| CMY | 0.2080, 0.1999, 0.1255 |
| CMYK | 0.09, 0.09, 0.00, 0.13 |
| HSL | 234°, 25%, 83% |
| HSV | 234°, 9%, 87% |
| XYZ | 59.2610, 61.0700, 78.4646 |
| YIQ | 205.5680, -7.2910, 5.4850 |

Conversions

Conversions Part 2

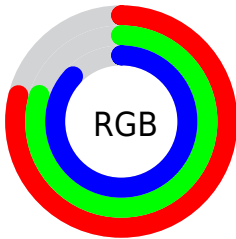
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 202, 204, 223 |
| Decimal | 13290719 |
| CIE Lab | 82.42, 2.94, -9.63 |
| CIE LCh | 82, 10.065, 286.992 |
| Yxy | 61.0700, 0.2981, 0.3072 |
| Android (android.graphics.Color) | 4291480799 (0xFFCACCDF) |
| YUV | 205.5680, 8.5940, -3.1291 |
| Hunter-Lab | 78.1473, -1.3970, -4.8276 |

Details

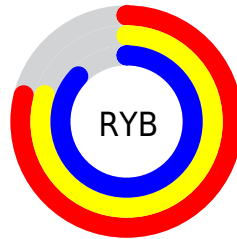
The Yxy color $61.0700, 0.2981, 0.3072$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71.6286, 0.3269, 0.3499$, and the grayscale version is $61.3770, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $30.9357, 0.2944, 0.3017$ is the 20% darker color. If you saturate the color by 10%, you get $49.2257, 0.2808, 0.2811$, and if you desaturate by 10%, it is $74.6052, 0.3136, 0.3302$.

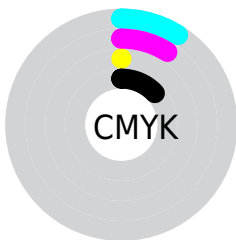
Distribution



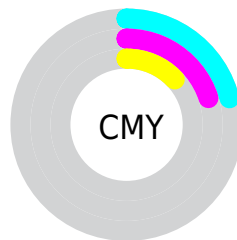
- Red (79%)
- Green (80%)
- Blue (87%)



- Red (79%)
- Yellow (80%)
- Blue (87%)



- Cyan (9%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



- Cyan (21%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0700, 0.2981, 0.3072 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 61.0700, 0.2981, 0.3072 by changing the saturation by 10% instead.

■ 61.0700, 0.2981,
0.3072

■ 61.0700, 0.2981,
0.3072

428.5306, 0.3051,
0.3175

■ 44.2817, 0.2964,
0.3048

106.3803, 0.3006,
0.3108

■ 30.8920, 0.2944,
0.3018

135.6710, 0.3015,
0.3122

■ 20.5166, 0.2917,
0.2979

169.8980, 0.3023,
0.3134

■ 12.7711, 0.2881,
0.2927

209.4457, 0.3030,
0.3145

■ 7.2711, 0.2831,
0.2856

254.6983, 0.3036,
0.3154

■ 3.6322, 0.2754,
0.2749

306.0405, 0.3042,

■ 1.4700, 0.2627,

0.3162

0.2574

363.8564, 0.3047,
0.3169

0.2675, 0.2093,
0.1717

0.0000, 0.0000,
0.0000

61.0700, 0.2981,
0.3072

61.0700, 0.2981,
0.3072

49.2257, 0.2808,
0.2811

74.6052, 0.3136,
0.3302

38.9985, 0.2619,
0.2521

89.8861, 0.3272,
0.3503

30.3203, 0.2418,
0.2206

98.1069, 0.3316,
0.3602

23.1152, 0.2212,
0.1876

■ 17.3012, 0.2011,
0.1549

■ 12.7879, 0.1830,
0.1243

■ 9.4742, 0.1682,
0.0982

■ 7.2439, 0.1577,
0.0785

■ 5.9430, 0.1518,
0.0662

Harmonies

Analogous

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



61.0700, 0.2901, 0.3102



61.0700, 0.2981, 0.3072



61.0700, 0.3101, 0.3099

Triad

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



61.0700, 0.2981, 0.3072



61.0700, 0.3380, 0.3389



61.0700, 0.3022, 0.3411

Complementary

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



61.0700, 0.2981, 0.3072



71.6286, 0.3269, 0.3499

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.



61.0700, 0.3149, 0.3492



61.0700, 0.2981, 0.3072



61.0700, 0.3357, 0.3476

Square

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



61.0700, 0.2981, 0.3072



61.0700, 0.3333, 0.3279



61.0700, 0.3272, 0.3515



61.0700, 0.2925, 0.3296

Rectangle

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



61.0700, 0.2981, 0.3072



61.0700, 0.3189, 0.3144



61.0700, 0.3272, 0.3515



61.0700, 0.3063, 0.3443

Sweetspot

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



61.0726, 0.2981, 0.3072



94.2511, 0.3082, 0.3223



70.5337, 0.2995, 0.3313



19.8525, 0.3070, 0.3205



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.



61.0726, 0.2981, 0.3072



79.9595, 0.2954, 0.3031



61.3104, 0.3043, 0.3053



13.4569, 0.2981, 0.3071



3.5377, 0.1519, 0.0669



0.3196, 0.1568, 0.0843

Inverse Universe

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



62.2727, 0.3276, 0.3268



81.8661, 0.3306, 0.3263



71.4134, 0.3206, 0.3525



13.7221, 0.3277, 0.3267



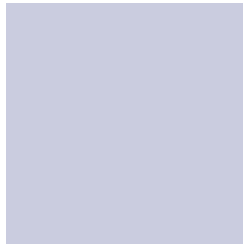
9.2652, 0.6284, 0.3235



0.6497, 0.6001, 0.3079

Previews

White Background



This preview shows how the Yxy color 61.0700, 0.2981, 0.3072 looks on a white background.

Color Contrast Check

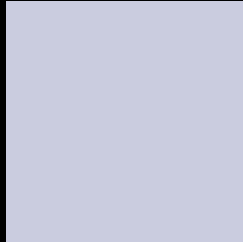
Large Text (above 18pt) WCAG AA × Fail

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 61.0700, 0.2981, 0.3072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

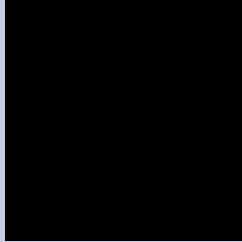
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

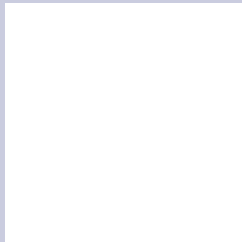
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.0700, 0.2981, 0.3072

Background



This preview shows how black text looks on a background with the Yxy color 61.0700, 0.2981, 0.3072.

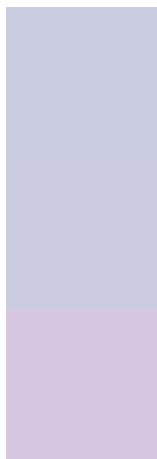


This preview shows how white text looks on a background with the Yxy color 61.0700, 0.2981, 0.3072.

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

61.0700, 0.2981, 0.3072

Protanopia

61.2100, 0.2988, 0.3072

Deuteranopia

60.8276, 0.3079, 0.3011



Tritanopia

60.9627, 0.2995, 0.3094

Trichromacy



Original Color

61.0700, 0.2981, 0.3072

Protanomaly

61.2100, 0.2988, 0.3072

Deuteranomaly

61.0040, 0.3041, 0.3031

Tritanomaly

61.0162, 0.2988, 0.3083

Monochromacy



Original Color

61.0700, 0.2981, 0.3072

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.3952, 0.3078, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0700, 0.2981, 0.3072 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, 204, 223)` looks like.

```
.text, #text, p{  
    color:rgb(202, 204, 223)  
}
```

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, 204, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 204, 223) }
```

Border

The CSS property to change the border of an element to Yxy 61.0700, 0.2981, 0.3072 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, 204, 223) }
```

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

```
.border{ border-color:rgb(202, 204, 223) }
```

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

Here you see how a box with a 4 pixel rgb(202, 204, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 204, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 204, 223);  
box-shadow:4px 4px 4px 4px rgb(202, 204,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0700, 0.2981, 0.3072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 204, 223) }
```

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

```
.background{ background-color: rgb(202,  
204, 223) }
```

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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