

Converting Colors

$Yxy(57.3640, 0.2923, 0.2985)$

Have a look what the booklet for
Yxy(57.3640, 0.2923, 0.2985)
contains.

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Color

Yxy(57.3721, 0.2922, 0.2986)

Conversions

Conversions Part 1

Format	Color
Hex	C3C6E0
RGB	195, 198, 224
RGB Percent	76%, 78%, 88%
CMY	0.2355, 0.2234, 0.1216
CMYK	0.13, 0.12, 0.00, 0.12
HSL	234°, 32%, 82%
HSV	234°, 13%, 88%
XYZ	56.1424, 57.3721, 78.6224
YIQ	200.0670, -10.1340, 7.4500

Conversions

Conversions Part 2

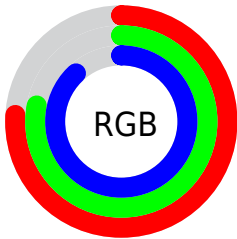
Format	Color
R_{YB}	195, 198, 224
Decimal	12830432
CIE _{Lab}	80.39, 4.05, -13.24
CIE _{LCh}	80, 13.849, 287.023
Yxy	57.3721, 0.2922, 0.2986
Android (android.graphics.Color)	4291020512 (0xFFC3C6E0)
YUV	200.0670, 11.7990, -4.4438
Hunter-Lab	75.7444, -0.2468, -8.5218

Details

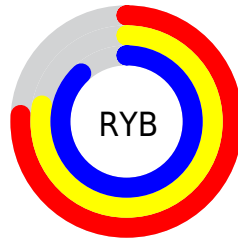
The Yxy color **57.3721, 0.2922, 0.2986** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.4485, 0.3325, 0.3577**, and the grayscale version is **57.7296, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **28.4738, 0.2865, 0.2901** is the 20% darker color. If you saturate the color by 10%, you get **46.0521, 0.2744, 0.2717**, and if you desaturate by 10%, it is **70.3552, 0.3083, 0.3225**.

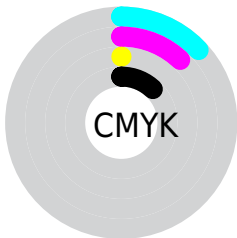
Distribution



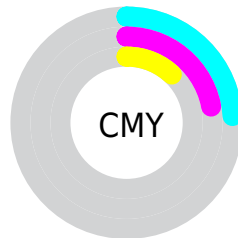
- Red (76%)
- Green (78%)
- Blue (88%)



- Red (76%)
- Yellow (78%)
- Blue (88%)



- Cyan (13%)
- Magenta (12%)
- Yellow (0%)
- Black (12%)



- Cyan (24%)
- Magenta (22%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.3721, 0.2922, 0.2986 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 57.3721, 0.2922, 0.2986 by changing the saturation by 10% instead.

■ 57.3721, 0.2922,
0.2986

■ 57.3721, 0.2922,
0.2986

■ 414.8422, 0.3021,
0.3131

■ 41.3041, 0.2898,
0.2952

■ 101.0079, 0.2957,
0.3037

■ 28.5567, 0.2868,
0.2909

■ 129.3445, 0.2971,
0.3057

■ 18.7458, 0.2830,
0.2854

■ 162.5394, 0.2982,
0.3074

■ 11.4867, 0.2778,
0.2781

■ 200.9770, 0.2992,
0.3088

■ 6.3952, 0.2704,
0.2678

■ 245.0416, 0.3001,
0.3101

■ 3.0869, 0.2591,
0.2525

■ 295.1178, 0.3008,

■ 1.1772, 0.2400,

0.3112

0.2273

351.5898, 0.3015,
0.3122

0.0430, 0.1210,
0.0372

0.0000, 0.0000,
0.0000

57.3721, 0.2922,
0.2986

57.3721, 0.2922,
0.2986

46.0521, 0.2744,
0.2717

70.3552, 0.3083,
0.3225

36.3209, 0.2550,
0.2420

85.0574, 0.3226,
0.3434

28.1094, 0.2347,
0.2101

98.1609, 0.3310,
0.3592

21.3405, 0.2142,
0.1773

■ 15.9304, 0.1947,
0.1451

■ 11.7863, 0.1776,
0.1159

■ 8.8039, 0.1643,
0.0918

■ 6.8618, 0.1555,
0.0744

■ 6.0215, 0.1518,
0.0664

Harmonies

Analogous

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



57.3721, 0.2811, 0.3025



57.3721, 0.2922, 0.2986



57.3721, 0.3090, 0.3024

Triad

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



57.3721, 0.2922, 0.2986



57.3721, 0.3484, 0.3427



57.3721, 0.2979, 0.3461

Complementary

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



57.3721, 0.2922, 0.2986



71.4485, 0.3325, 0.3577

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.



57.3721, 0.3156, 0.3576



57.3721, 0.2922, 0.2986



57.3721, 0.3451, 0.3550

Square

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



57.3721, 0.2922, 0.2986



57.3721, 0.3418, 0.3273



57.3721, 0.3330, 0.3608



57.3721, 0.2844, 0.3297

Rectangle

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



57.3721, 0.2922, 0.2986



57.3721, 0.3213, 0.3087



57.3721, 0.3330, 0.3608



57.3721, 0.3036, 0.3507

Sweetspot

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



57.3745, 0.2922, 0.2986



92.4344, 0.3067, 0.3201



70.0963, 0.2950, 0.3328



19.4892, 0.3055, 0.3184



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.



57.3745, 0.2922, 0.2986



71.9570, 0.2868, 0.2904



57.5222, 0.3004, 0.2958



13.4754, 0.2981, 0.3074



3.5853, 0.1522, 0.0677



0.3284, 0.1573, 0.0863

Inverse Universe

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



58.9308, 0.3339, 0.3256



74.5434, 0.3400, 0.3247



71.3640, 0.3239, 0.3618



13.7240, 0.3275, 0.3266



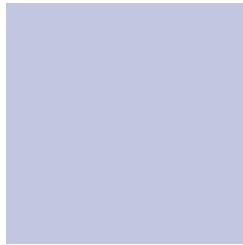
9.2700, 0.6271, 0.3228



0.6506, 0.5969, 0.3062

Previews

White Background



This preview shows how the Yxy color 57.3721, 0.2922, 0.2986 looks on a white background.

Color Contrast Check

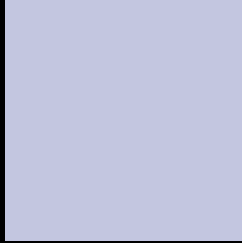
Large Text (above 18pt) WCAG AA × Fail

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 57.3721, 0.2922, 0.2986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

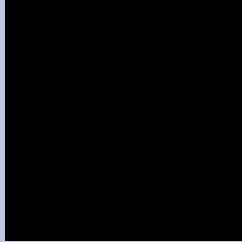
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.3721, 0.2922, 0.2986

Background



This preview shows how black text looks on a background with the Yxy color 57.3721, 0.2922, 0.2986.



This preview shows how white text looks on a background with the Yxy color 57.3721, 0.2922, 0.2986.

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

57.3721, 0.2922, 0.2986

Protanopia

57.5057, 0.2930, 0.2986

Deuteranopia

57.2852, 0.3004, 0.2936



Tritanopia

57.0906, 0.2969, 0.3099

Trichromacy



Original Color

57.3721, 0.2922, 0.2986

Protanomaly

57.5057, 0.2930, 0.2986

Deuteranomaly

57.1630, 0.2974, 0.2945

Tritanomaly

57.3781, 0.2956, 0.3065

Monochromacy



Original Color

57.3721, 0.2922, 0.2986

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.4561, 0.3048, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3721, 0.2922, 0.2986 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(195, 198, 224)` looks like.

```
.text, #text, p{  
    color:rgb(195, 198, 224)  
}
```

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(195, 198, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 198, 224) }
```

Border

The CSS property to change the border of an element to Yxy 57.3721, 0.2922, 0.2986 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(195, 198, 224) }
```

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

```
.border{ border-color:rgb(195, 198, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 198, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 198, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 198, 224);  
box-shadow:4px 4px 4px 4px rgb(195, 198,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3721, 0.2922, 0.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 198, 224) }
```

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

```
.background{ background-color: rgb(195,  
198, 224) }
```

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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