

Converting Colors

$Y_{xy}(58.4220, 0.2882, 0.2890)$

Have a look what the booklet for
Yxy(58.4220, 0.2882, 0.2890)
contains.

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Color

Yxy(58.2771, 0.2884, 0.2889)

Conversions

Conversions Part 1

Format	Color
Hex	C6C6E9
RGB	198, 198, 233
RGB Percent	78%, 78%, 91%
CMY	0.2238, 0.2234, 0.0863
CMYK	0.15, 0.15, 0.00, 0.09
HSL	240°, 44%, 84%
HSV	240°, 15%, 91%
XYZ	58.1762, 58.2771, 85.2673
YIQ	201.9900, -11.2350, 10.8850

Conversions

Conversions Part 2

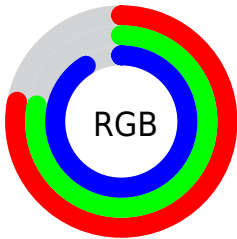
Format	Color
R _Y B	198, 198, 233
Decimal	13027049
CIE Lab	80.89, 6.89, -17.29
CIE LCh	81, 18.612, 291.717
Yxy	58.2771, 0.2884, 0.2889
Android (android.graphics.Color)	4291217129 (0xFFC6C6E9)
YUV	201.9900, 15.2879, -3.4992
Hunter-Lab	76.3394, 2.4360, -12.7863

Details

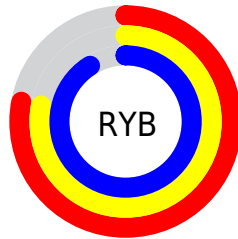
The Yxy color **58.2771, 0.2884, 0.2889** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.6178, 0.3353, 0.3662**, and the grayscale version is **58.9599, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.0501, 0.2825, 0.2790** is the 20% darker color. If you saturate the color by 10%, you get **45.5322, 0.2697, 0.2580**, and if you desaturate by 10%, it is **73.1435, 0.3051, 0.3164**.

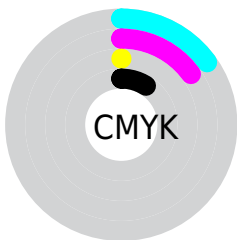
Distribution



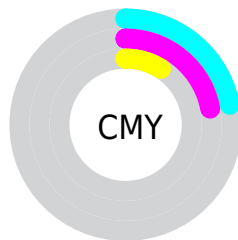
- Red (78%)
- Green (78%)
- Blue (91%)



- Red (78%)
- Yellow (78%)
- Blue (91%)



- Cyan (15%)
- Magenta (15%)
- Yellow (0%)
- Black (9%)



- Cyan (22%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.2771, 0.2884, 0.2889 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 58.2771, 0.2884, 0.2889 by changing the saturation by 10% instead.

■ 58.2771, 0.2884,
0.2889

■ 58.2771, 0.2884,
0.2889

418.2177, 0.3001,
0.3078

■ 42.0315, 0.2856,
0.2845

102.3263, 0.2926,
0.2955

■ 29.1259, 0.2821,
0.2790

130.8986, 0.2942,
0.2981

■ 19.1761, 0.2775,
0.2720

164.3486, 0.2955,
0.3003

■ 11.7976, 0.2714,
0.2628

203.0607, 0.2967,
0.3022

■ 6.6060, 0.2628,
0.2501

247.4192, 0.2977,
0.3039

■ 3.2169, 0.2499,
0.2315

297.8087, 0.2986,

■ 1.2460, 0.2284,

0.3053

0.2021

354.6133, 0.2994,
0.3066

0.0988, 0.1522,
0.0574

0.0000, 0.0000,
0.0000

58.2771, 0.2884,
0.2889

58.2771, 0.2884,
0.2889

45.5322, 0.2697,
0.2580

73.1435, 0.3051,
0.3164

34.8053, 0.2492,
0.2242

90.2141, 0.3197,
0.3405

25.9952, 0.2276,
0.1886

98.6628, 0.3256,
0.3503

18.9889, 0.2062,
0.1532

■ 13.6619, 0.1864,
0.1205

■ 9.8737, 0.1700,
0.0932

■ 7.4610, 0.1582,
0.0738

■ 6.2238, 0.1518,
0.0631

■ 5.8963, 0.1501,
0.0601

Harmonies

Analogous

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



58.2771, 0.2724, 0.2922



58.2771, 0.2884, 0.2889



58.2771, 0.3114, 0.2955

Triad

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



58.2771, 0.2884, 0.2889



58.2771, 0.3608, 0.3498



58.2771, 0.2895, 0.3487

Complementary

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



58.2771, 0.2884, 0.2889



79.6178, 0.3353, 0.3662

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.



58.2771, 0.3126, 0.3659



58.2771, 0.2884, 0.2889



58.2771, 0.3541, 0.3655

Square

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



58.2771, 0.2884, 0.2889



58.2771, 0.3539, 0.3297



58.2771, 0.3363, 0.3719



58.2771, 0.2730, 0.3261

Rectangle

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



58.2771, 0.2884, 0.2889



58.2771, 0.3278, 0.3046



58.2771, 0.3363, 0.3719



58.2771, 0.2967, 0.3554

Sweetspot

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



58.2795, 0.2884, 0.2889



89.8150, 0.3051, 0.3165



76.1202, 0.2902, 0.3296



18.9295, 0.3040, 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.



58.2795, 0.2884, 0.2889



66.5000, 0.2829, 0.2798



60.6689, 0.3008, 0.2902



14.5554, 0.2980, 0.3047



3.3487, 0.1501, 0.0602



0.2652, 0.1502, 0.0606

Inverse Universe

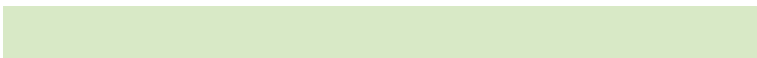
The Inverse Universe completely reimagines the original color for something new.



61.7583, 0.3408, 0.3290



71.5245, 0.3477, 0.3290



76.9544, 0.3233, 0.3677



15.0547, 0.3293, 0.3290



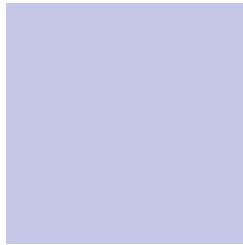
9.8309, 0.6398, 0.3298



0.7722, 0.6390, 0.3294

Previews

White Background



This preview shows how the Yxy color 58.2771, 0.2884, 0.2889 looks on a white background.

Color Contrast Check

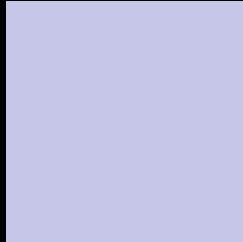
Large Text (above 18pt) WCAG AA × Fail

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 58.2771, 0.2884, 0.2889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

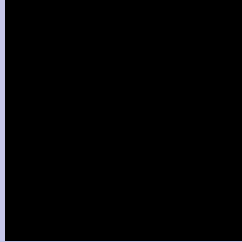
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.2771, 0.2884, 0.2889

Background



This preview shows how black text looks on a background with the Yxy color 58.2771, 0.2884, 0.2889.



This preview shows how white text looks on a background with the Yxy color 58.2771, 0.2884, 0.2889.

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

58.2771, 0.2884, 0.2889

Protanopia

58.2567, 0.2850, 0.2886

Deuteranopia

58.3422, 0.2935, 0.2872



Tritanopia

58.3851, 0.2970, 0.3101

Trichromacy



Original Color

58.2771, 0.2884, 0.2889

Protanomaly

58.3895, 0.2857, 0.2887

Deuteranomaly

58.3723, 0.2913, 0.2880

Tritanomaly

58.3720, 0.2937, 0.3021

Monochromacy



Original Color

58.2771, 0.2884, 0.2889

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.9949, 0.3042, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2771, 0.2884, 0.2889 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(198, 198, 233)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 233)  
}
```

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(198, 198, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 233) }
```

Border

The CSS property to change the border of an element to Yxy 58.2771, 0.2884, 0.2889 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(198, 198, 233) }
```

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

```
.border{ border-color:rgb(198, 198, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 198, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 233);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2771, 0.2884, 0.2889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 198, 233) }
```

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

```
.background{ background-color: rgb(198,  
198, 233) }
```

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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