

Converting Colors

$Y_{xy}(58.2751, 0.2870, 0.2909)$

Have a look what the booklet for
Yxy(58.2751, 0.2870, 0.2909)
contains.

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Color

Yxy(58.2751, 0.2870, 0.2909)

Conversions

Conversions Part 1

Format	Color
Hex	C3C7E8
RGB	195, 199, 232
RGB Percent	76%, 78%, 91%
CMY	0.2353, 0.2196, 0.0902
CMYK	0.16, 0.14, 0.00, 0.09
HSL	234°, 45%, 84%
HSV	234°, 16%, 91%
XYZ	57.4938, 58.2751, 84.5580
YIQ	201.5660, -12.9770, 9.4150

Conversions

Conversions Part 2

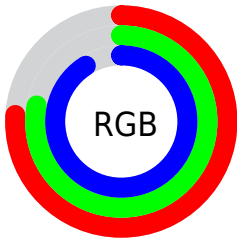
Format	Color
R _Y B	195, 199, 232
Decimal	12830696
CIE Lab	80.89, 5.23, -16.78
CIE LCh	81, 17.575, 287.296
Yxy	58.2751, 0.2870, 0.2909
Android (android.graphics.Color)	4291020776 (0xFFC3C7E8)
YUV	201.5660, 15.0040, -5.7584
Hunter-Lab	76.3381, 0.8450, -12.2375

Details

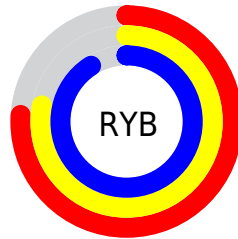
The Yxy color **58.2751, 0.2870, 0.2909** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.5779, 0.3373, 0.3644**, and the grayscale version is **58.6906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **29.0481, 0.2806, 0.2816** is the 20% darker color. If you saturate the color by 10%, you get **46.5410, 0.2686, 0.2631**, and if you desaturate by 10%, it is **71.7884, 0.3037, 0.3157**.

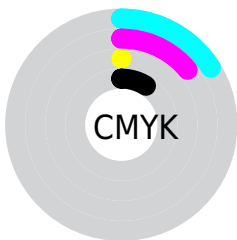
Distribution



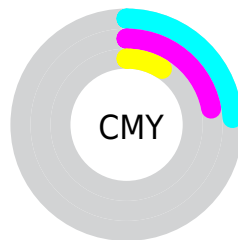
- Red (76%)
- Green (78%)
- Blue (91%)



- Red (76%)
- Yellow (78%)
- Blue (91%)



- Cyan (16%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (24%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.2751, 0.2870, 0.2909 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 58.2751, 0.2870, 0.2909 by changing the saturation by 10% instead.

■ 58.2751, 0.2870,
0.2909

■ 58.2751, 0.2870,
0.2909

■ 418.2102, 0.2994,
0.3089

■ 42.0299, 0.2841,
0.2867

■ 102.3234, 0.2914,
0.2972

■ 29.1247, 0.2804,
0.2815

■ 130.8952, 0.2931,
0.2997

■ 19.1752, 0.2756,
0.2747

■ 164.3446, 0.2945,
0.3018

■ 11.7969, 0.2692,
0.2659

■ 203.0561, 0.2957,
0.3036

■ 6.6055, 0.2602,
0.2536

■ 247.4140, 0.2968,
0.3052

■ 3.2167, 0.2467,
0.2356

■ 297.8027, 0.2978,

■ 1.2459, 0.2244,

0.3066

0.2068

354.6067, 0.2986,
0.3078

0.0987, 0.1353,
0.0603

0.0000, 0.0000,
0.0000

58.2751, 0.2870,
0.2909

58.2751, 0.2870,
0.2909

46.5410, 0.2686,
0.2631

71.7884, 0.3037,
0.3157

36.5050, 0.2489,
0.2327

87.1432, 0.3185,
0.3375

28.0902, 0.2284,
0.2004

98.6060, 0.3262,
0.3513

21.2111, 0.2081,
0.1675

■ 15.7742, 0.1892,
0.1361

■ 11.6759, 0.1731,
0.1081

■ 8.7982, 0.1611,
0.0859

■ 7.0020, 0.1537,
0.0706

■ 6.5258, 0.1518,
0.0664

Harmonies

Analogous

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



58.2751, 0.2731, 0.2955



58.2751, 0.2870, 0.2909



58.2751, 0.3081, 0.2958

Triad

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



58.2751, 0.2870, 0.2909



58.2751, 0.3579, 0.3461



58.2751, 0.2938, 0.3505

Complementary

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



58.2751, 0.2870, 0.2909



76.5779, 0.3373, 0.3644

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.



58.2751, 0.3160, 0.3654



58.2751, 0.2870, 0.2909



58.2751, 0.3535, 0.3618

Square

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



58.2751, 0.2870, 0.2909



58.2751, 0.3496, 0.3268



58.2751, 0.3380, 0.3693



58.2751, 0.2769, 0.3295

Rectangle

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



58.2751, 0.2870, 0.2909



58.2751, 0.3236, 0.3037



58.2751, 0.3380, 0.3693



58.2751, 0.3008, 0.3564

Sweetspot

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



58.2775, 0.2870, 0.2909



90.6203, 0.3051, 0.3178



74.8970, 0.2911, 0.3338



19.1243, 0.3040, 0.3162



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.



58.2775, 0.2870, 0.2909



67.4044, 0.2814, 0.2825



58.4388, 0.2972, 0.2874



14.1369, 0.2980, 0.3074



3.7111, 0.1522, 0.0678



0.3588, 0.1572, 0.0858

Inverse Universe

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



60.3098, 0.3397, 0.3247



70.4109, 0.3462, 0.3238



76.5281, 0.3265, 0.3698



14.3932, 0.3275, 0.3265



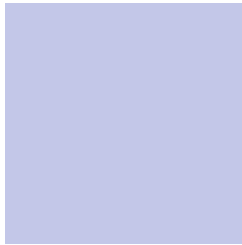
9.5723, 0.6268, 0.3227



0.7159, 0.5978, 0.3067

Previews

White Background



This preview shows how the Yxy color 58.2751, 0.2870, 0.2909 looks on a white background.

Color Contrast Check

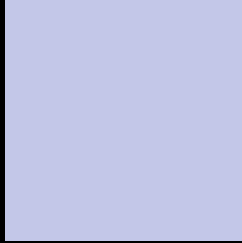
Large Text (above 18pt) WCAG AA × Fail

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 58.2751, 0.2870, 0.2909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

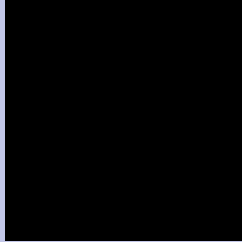
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.2751, 0.2870, 0.2909

Background



This preview shows how black text looks on a background with the Yxy color 58.2751, 0.2870, 0.2909.



This preview shows how white text looks on a background with the Yxy color 58.2751, 0.2870, 0.2909.

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

58.2751, 0.2870, 0.2909

Protanopia

58.2751, 0.2870, 0.2909

Deuteranopia

58.3422, 0.2935, 0.2872



Tritanopia

57.9895, 0.2948, 0.3100

Trichromacy



Original Color

58.2751, 0.2870, 0.2909

Protanomaly

58.2751, 0.2870, 0.2909

Deuteranomaly

58.2332, 0.2906, 0.2880

Tritanomaly

57.9199, 0.2922, 0.3031

Monochromacy



Original Color

58.2751, 0.2870, 0.2909

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.7195, 0.3027, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2751, 0.2870, 0.2909 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, 199, 232)` looks like.

```
.text, #text, p{  
    color:rgb(195, 199, 232)  
}
```

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, 199, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 199, 232) }
```

Border

The CSS property to change the border of an element to Yxy 58.2751, 0.2870, 0.2909 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, 199, 232) }
```

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

```
.border{ border-color:rgb(195, 199, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 199, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 199, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 199, 232);  
box-shadow:4px 4px 4px 4px rgb(195, 199,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2751, 0.2870, 0.2909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 199, 232) }
```

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

```
.background{ background-color: rgb(195,  
199, 232) }
```

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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