

Converting Colors

Yxy(57.7558, 0.2791, 0.2807)

Have a look what the booklet for
Yxy(57.7558, 0.2791, 0.2807)
contains.

Yxy(57.7558, 0.2791, 0.2807)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.7558, 0.2791, 0.2807)

Conversions

Conversions Part 1

Format	Color
Hex	BFC6F0
RGB	191, 198, 240
RGB Percent	75%, 78%, 94%
CMY	0.2506, 0.2236, 0.0587
CMYK	0.20, 0.18, 0.00, 0.06
HSL	232°, 62%, 85%
HSV	232°, 20%, 94%
XYZ	57.4266, 57.7558, 90.5739
YIQ	200.6950, -17.6540, 11.5780

Conversions

Conversions Part 2

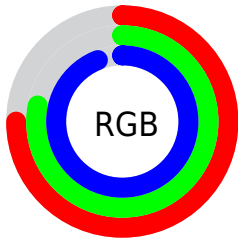
Format	Color
RYB	191, 197, 240
Decimal	12568304
CIELab	80.60, 6.30, -21.54
CIELCh	81, 22.442, 286.315
Yxy	57.7558, 0.2791, 0.2807
Android (android.graphics.Color)	4290758384 (0xFFBFC6F0)
YUV	200.6950, 19.3774, -8.5025
Hunter-Lab	75.9972, 1.8867, -17.4641

Details

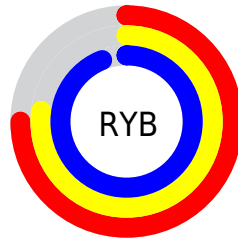
The Yxy color **57.7558, 0.2791, 0.2807** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.6471, 0.3448, 0.3731**, and the grayscale version is **58.1055, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **28.7256, 0.2704, 0.2684** is the 20% darker color. If you saturate the color by 10%, you get **46.1017, 0.2603, 0.2527**, and if you desaturate by 10%, it is **71.2083, 0.2965, 0.3059**.

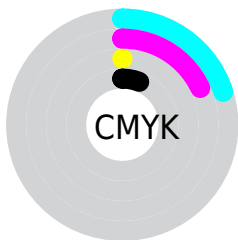
Distribution



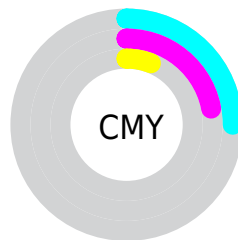
- Red (75%)
- Green (78%)
- Blue (94%)



- Red (75%)
- Yellow (77%)
- Blue (94%)



- Cyan (20%)
- Magenta (18%)
- Yellow (0%)
- Black (6%)



- Cyan (25%)
- Magenta (22%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.7558, 0.2791, 0.2807 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 57.7558, 0.2791, 0.2807 by changing the saturation by 10% instead.

■ 57.7558, 0.2791,
0.2807

■ 57.7558, 0.2791,
0.2807

■ 416.2754, 0.2953,
0.3034

■ 41.6124, 0.2753,
0.2754

■ 101.5672, 0.2848,
0.2887

■ 28.7979, 0.2705,
0.2689

■ 130.0039, 0.2870,
0.2917

■ 18.9280, 0.2643,
0.2605

■ 163.3071, 0.2889,
0.2944

■ 11.6182, 0.2561,
0.2496

■ 201.8613, 0.2905,
0.2967

■ 6.4843, 0.2446,
0.2346

■ 246.0508, 0.2919,
0.2987

■ 3.1417, 0.2276,
0.2129

■ 296.2601, 0.2932,

■ 1.2062, 0.2003,

0.3005

0.1795

352.8735, 0.2943,
0.3020

0.0667, 0.1085,
0.0333

0.0000, 0.0000,
0.0000

57.7558, 0.2791,
0.2807

57.7558, 0.2791,
0.2807

46.1017, 0.2603,
0.2527

71.2083, 0.2965,
0.3059

36.1625, 0.2403,
0.2224

86.5237, 0.3121,
0.3282

27.8587, 0.2201,
0.1906

99.0725, 0.3214,
0.3434

21.1017, 0.2005,
0.1588

■ 15.7943, 0.1829,
0.1289

■ 11.8278, 0.1686,
0.1029

■ 9.0780, 0.1584,
0.0827

■ 7.4243, 0.1527,
0.0695

Harmonies

Analogous

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



57.7558, 0.2621, 0.2866



57.7558, 0.2791, 0.2807



57.7558, 0.3056, 0.2867

Triad

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



57.7558, 0.2791, 0.2807



57.7558, 0.3707, 0.3495



57.7558, 0.2892, 0.3575

Complementary

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



57.7558, 0.2791, 0.2807



80.6471, 0.3448, 0.3731

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.



57.7558, 0.3176, 0.3765



57.7558, 0.2791, 0.2807



57.7558, 0.3654, 0.3701

Square

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



57.7558, 0.2791, 0.2807



57.7558, 0.3595, 0.3251



57.7558, 0.3457, 0.3807



57.7558, 0.2677, 0.3303

Rectangle

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



57.7558, 0.2791, 0.2807



57.7558, 0.3255, 0.2964



57.7558, 0.3457, 0.3807



57.7558, 0.2982, 0.3652

Sweetspot

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



57.7582, 0.2791, 0.2807



89.1100, 0.3035, 0.3160



79.2848, 0.2863, 0.3371



18.8297, 0.3025, 0.3145



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.



57.7582, 0.2791, 0.2807



61.0988, 0.2723, 0.2707



57.0343, 0.2910, 0.2745



15.5875, 0.2980, 0.3081



4.1758, 0.1531, 0.0712



0.4579, 0.1585, 0.0905

Inverse Universe

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



59.9056, 0.3478, 0.3216



64.0385, 0.3560, 0.3202



81.7686, 0.3315, 0.3819



15.7951, 0.3271, 0.3257



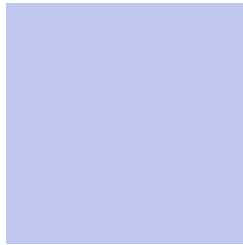
10.2149, 0.6212, 0.3196



0.8609, 0.5904, 0.3026

Previews

White Background



This preview shows how the Yxy color 57.7558, 0.2791, 0.2807 looks on a white background.

Color Contrast Check

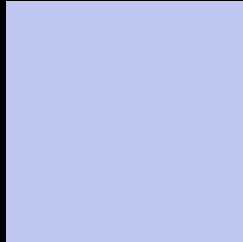
Large Text (above 18pt) WCAG AA × Fail

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 57.7558, 0.2791, 0.2807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

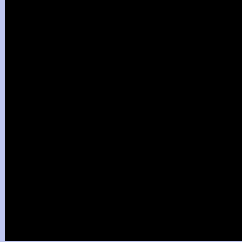
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.7558, 0.2791, 0.2807

Background



This preview shows how black text looks on a background with the Yxy color 57.7558, 0.2791, 0.2807.



This preview shows how white text looks on a background with the Yxy color 57.7558, 0.2791, 0.2807.

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

57.7558, 0.2791, 0.2807

Protanopia

57.7558, 0.2791, 0.2807

Deuteranopia

57.5232, 0.2838, 0.2770



Tritanopia

57.8678, 0.2906, 0.3098

Trichromacy



Original Color

57.7558, 0.2791, 0.2807

Protanomaly

57.7558, 0.2791, 0.2807

Deuteranomaly

57.5665, 0.2818, 0.2778

Tritanomaly

57.9556, 0.2860, 0.2995

Monochromacy



Original Color

57.7558, 0.2791, 0.2807

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.0852, 0.2998, 0.3113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7558, 0.2791, 0.2807 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(191, 198, 240)` looks like.

```
.text, #text, p{  
    color:rgb(191, 198, 240)  
}
```

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(191, 198, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 198, 240) }
```

Border

The CSS property to change the border of an element to Yxy 57.7558, 0.2791, 0.2807 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(191, 198, 240) }
```

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

```
.border{ border-color:rgb(191, 198, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 198, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 198, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 198, 240); box-shadow:4px 4px 4px 4px rgb(191, 198, 240) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7558, 0.2791, 0.2807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 198, 240) }
```

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

```
.background{ background-color: rgb(191,  
198, 240) }
```

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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