

Converting Colors

$Yxy(67.2897, 0.2915, 0.2993)$

Have a look what the booklet for
Yxy(67.2897, 0.2915, 0.2993)
contains.

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Color

Yxy(67.2897, 0.2915, 0.2993)

Conversions

Conversions Part 1

Format	Color
Hex	D0D5F0
RGB	208, 213, 240
RGB Percent	82%, 84%, 94%
CMY	0.1844, 0.1647, 0.0587
CMYK	0.13, 0.11, 0.00, 0.06
HSL	231°, 52%, 88%
HSV	231°, 13%, 94%
XYZ	65.5361, 67.2897, 91.9978
YIQ	214.5830, -11.6470, 7.3370

Conversions

Conversions Part 2

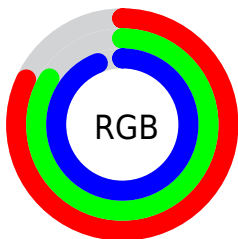
Format	Color
R _Y B	208, 212, 240
Decimal	13686256
CIE Lab	85.65, 3.58, -13.82
CIE LCh	86, 14.273, 284.514
Yxy	67.2897, 0.2915, 0.2993
Android (android.graphics.Color)	4291876336 (0xFFD0D5F0)
YUV	214.5830, 12.5306, -5.7733
Hunter-Lab	82.0303, -0.9449, -9.0731

Details

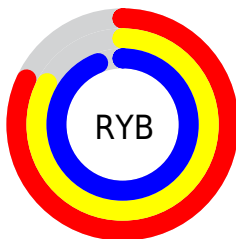
The Yxy color **67.2897, 0.2915, 0.2993** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.5123, 0.3334, 0.3571**, and the grayscale version is **67.5798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.6867, 0.2860, 0.2916** is the 20% darker color. If you saturate the color by 10%, you get **54.5150, 0.2737, 0.2737**, and if you desaturate by 10%, it is **81.8681, 0.3077, 0.3220**.

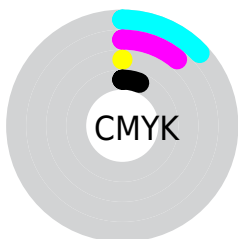
Distribution



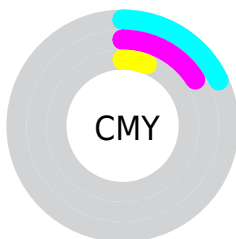
- Red (82%)
- Green (84%)
- Blue (94%)



- Red (82%)
- Yellow (83%)
- Blue (94%)



- Cyan (13%)
- Magenta (11%)
- Yellow (0%)
- Black (6%)



- Cyan (18%)
- Magenta (16%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.2897, 0.2915, 0.2993 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 67.2897, 0.2915, 0.2993 by changing the saturation by 10% instead.

■ 67.2897, 0.2915,
0.2993

■ 67.2897, 0.2915,
0.2993

450.9753, 0.3015,
0.3131

■ 49.3201, 0.2892,
0.2961

115.3354, 0.2950,
0.3041

■ 34.8735, 0.2863,
0.2923

146.1803, 0.2963,
0.3059

■ 23.5654, 0.2827,
0.2873

182.0858, 0.2975,
0.3075

■ 15.0116, 0.2779,
0.2809

223.4362, 0.2985,
0.3089

■ 8.8275, 0.2713,
0.2721

270.6160, 0.2994,
0.3102

■ 4.6288, 0.2616,
0.2594

324.0095, 0.3001,

■ 2.0312, 0.2463,

0.3112

0.2398

384.0011, 0.3008,
0.3122

0.6255, 0.2180,
0.2000

0.0000, 0.0000,
0.0000

67.2897, 0.2915,
0.2993

67.2897, 0.2915,
0.2993

54.5150, 0.2737,
0.2737

81.8681, 0.3077,
0.3220

43.4652, 0.2546,
0.2455

98.1186, 0.3215,
0.3420

34.0683, 0.2347,
0.2152

99.0733, 0.3214,
0.3434

26.2439, 0.2147,
0.1838

■ 19.9047, 0.1958,
0.1527

■ 14.9545, 0.1791,
0.1238

■ 11.2857, 0.1659,
0.0992

■ 8.7736, 0.1569,
0.0804

■ 7.6521, 0.1532,
0.0714

Harmonies

Analogous

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



67.2897, 0.2813, 0.3038



67.2897, 0.2915, 0.2993



67.2897, 0.3076, 0.3024

Triad

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



67.2897, 0.2915, 0.2993



67.2897, 0.3474, 0.3412



67.2897, 0.2996, 0.3469

Complementary

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



67.2897, 0.2915, 0.2993



82.5123, 0.3334, 0.3571

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.



67.2897, 0.3171, 0.3576



67.2897, 0.2915, 0.2993



67.2897, 0.3450, 0.3537

Square

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



67.2897, 0.2915, 0.2993



67.2897, 0.3402, 0.3261



67.2897, 0.3338, 0.3599



67.2897, 0.2859, 0.3311

Rectangle

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



67.2897, 0.2915, 0.2993



67.2897, 0.3196, 0.3082



67.2897, 0.3338, 0.3599



67.2897, 0.3052, 0.3512

Sweetspot

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



67.2925, 0.2915, 0.2993



92.7495, 0.3067, 0.3206



81.7292, 0.2954, 0.3347



19.5686, 0.3055, 0.3190



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.



67.2925, 0.2915, 0.2993



73.0406, 0.2869, 0.2927



66.4089, 0.2988, 0.2944



15.6281, 0.2980, 0.3084



4.3098, 0.1537, 0.0733



0.4771, 0.1594, 0.0937

Inverse Universe

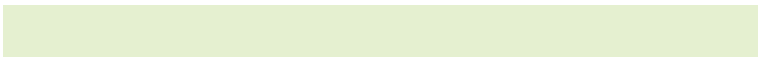
The Inverse Universe completely reimagines the original color for something new.



68.4421, 0.3335, 0.3238



74.6528, 0.3385, 0.3226



83.6100, 0.3254, 0.3628



15.7992, 0.3269, 0.3253



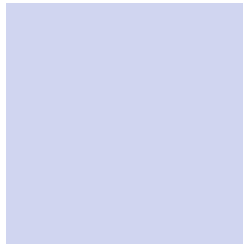
10.2284, 0.6179, 0.3178



0.8629, 0.5855, 0.2999

Previews

White Background



This preview shows how the Yxy color 67.2897, 0.2915, 0.2993 looks on a white background.

Color Contrast Check

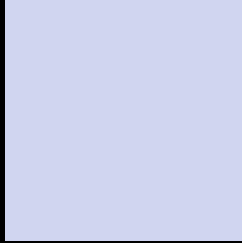
Large Text (above 18pt) WCAG AA × Fail

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 67.2897, 0.2915, 0.2993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

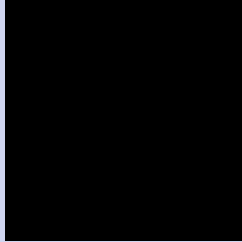
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.2897, 0.2915, 0.2993

Background



This preview shows how black text looks on a background with the Yxy color 67.2897, 0.2915, 0.2993.

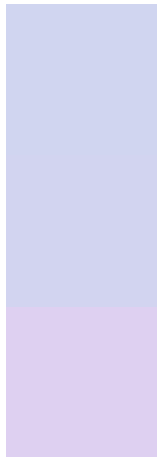


This preview shows how white text looks on a background with the Yxy color 67.2897, 0.2915, 0.2993.

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

67.2897, 0.2915, 0.2993

Protanopia

67.0799, 0.2929, 0.2983

Deuteranopia

66.9922, 0.3006, 0.2937



Tritanopia

66.9845, 0.2958, 0.3100

Trichromacy



Original Color

67.2897, 0.2915, 0.2993

Protanomaly

66.9335, 0.2922, 0.2983

Deuteranomaly

67.1958, 0.2971, 0.2955

Tritanomaly

67.2990, 0.2946, 0.3068

Monochromacy



Original Color

67.2897, 0.2915, 0.2993

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.4720, 0.3046, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2897, 0.2915, 0.2993 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(208, 213, 240)` looks like.

```
.text, #text, p{  
    color:rgb(208, 213, 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(208, 213, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 213, 240) }
```

Border

The CSS property to change the border of an element to Yxy 67.2897, 0.2915, 0.2993 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(208, 213, 240) }
```

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

```
.border{ border-color:rgb(208, 213, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 213, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 213, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 213, 240);  
box-shadow:4px 4px 4px 4px rgb(208, 213,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2897, 0.2915, 0.2993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 213, 240) }
```

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

```
.background{ background-color: rgb(208,  
213, 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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