

Converting Colors

Yxy(68.5642, 0.2941, 0.2996)

Have a look what the booklet for
Yxy(68.5642, 0.2941, 0.2996)
contains.

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Color

Yxy(68.5901, 0.2943, 0.2997)

Conversions

Conversions Part 1

Format	Color
Hex	D5D6F1
RGB	213, 214, 241
RGB Percent	84%, 84%, 95%
CMY	0.1649, 0.1607, 0.0548
CMYK	0.12, 0.11, 0.00, 0.05
HSL	238°, 50%, 89%
HSV	238°, 12%, 95%
XYZ	67.3542, 68.5901, 92.9182
YIQ	216.7790, -9.2630, 8.1850

Conversions

Conversions Part 2

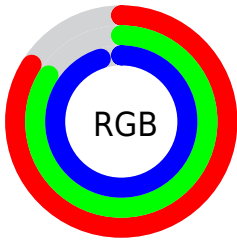
Format	Color
R _Y B	213, 214, 241
Decimal	14014193
CIE Lab	86.30, 4.82, -13.32
CIE LCh	86, 14.169, 289.889
Yxy	68.5901, 0.2943, 0.2997
Android (android.graphics.Color)	4292204273 (0xFFD5D6F1)
YUV	216.7790, 11.9410, -3.3142
Hunter-Lab	82.8191, 0.2350, -8.5465

Details

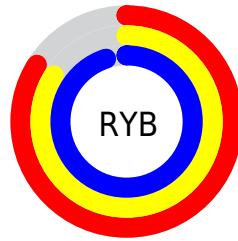
The Yxy color **68.5901, 0.2943, 0.2997** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.7914, 0.3302, 0.3567**, and the grayscale version is **69.1476, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.5682, 0.2896, 0.2922** is the 20% darker color. If you saturate the color by 10%, you get **54.3416, 0.2763, 0.2709**, and if you desaturate by 10%, it is **85.0497, 0.3103, 0.3251**.

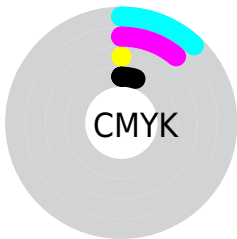
Distribution



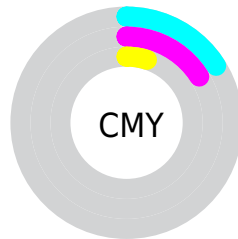
- Red (84%)
- Green (84%)
- Blue (95%)



- Red (84%)
- Yellow (84%)
- Blue (95%)



- Cyan (12%)
- Magenta (11%)
- Yellow (0%)
- Black (5%)



- Cyan (16%)
- Magenta (16%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.5901, 0.2943, 0.2997 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 68.5901, 0.2943, 0.2997 by changing the saturation by 10% instead.

■ 68.5901, 0.2943,
0.2997

■ 68.5901, 0.2943,
0.2997

455.5839, 0.3029,
0.3132

■ 50.3780, 0.2923,
0.2966

117.1959, 0.2973,
0.3044

■ 35.7138, 0.2898,
0.2928

148.3584, 0.2985,
0.3062

■ 24.2132, 0.2867,
0.2880

184.6064, 0.2995,
0.3078

■ 15.4919, 0.2825,
0.2818

226.3244, 0.3004,
0.3091

■ 9.1653, 0.2768,
0.2733

273.8968, 0.3011,
0.3104

■ 4.8492, 0.2684,
0.2612

327.7079, 0.3018,

■ 2.1590, 0.2552,

0.3114

0.2424

388.1422, 0.3024,
0.3124

0.6975, 0.2319,
0.2072

0.0000, 0.0000,
0.0000

68.5901, 0.2943,
0.2997

68.5901, 0.2943,
0.2997

54.3416, 0.2763,
0.2709

85.0497, 0.3103,
0.3251

42.2020, 0.2566,
0.2391

99.1317, 0.3208,
0.3424

32.0736, 0.2356,
0.2051

23.8478, 0.2143,
0.1702

■ 17.4058, 0.1940,
0.1366

■ 12.6153, 0.1763,
0.1069

■ 9.3259, 0.1627,
0.0836

■ 7.3594, 0.1541,
0.0683

■ 6.5513, 0.1505,
0.0617

Harmonies

Analogous

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



68.5901, 0.2830, 0.3028



68.5901, 0.2943, 0.2997



68.5901, 0.3108, 0.3040

Triad

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



68.5901, 0.2943, 0.2997



68.5901, 0.3472, 0.3435



68.5901, 0.2970, 0.3441

Complementary

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



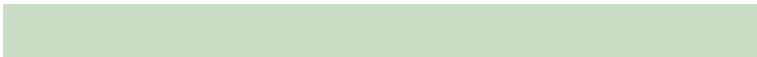
68.5901, 0.2943, 0.2997



85.7914, 0.3302, 0.3567

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.



68.5901, 0.3139, 0.3558



68.5901, 0.2943, 0.2997



68.5901, 0.3431, 0.3550

Square

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



68.5901, 0.2943, 0.2997



68.5901, 0.3417, 0.3288



68.5901, 0.3308, 0.3597



68.5901, 0.2845, 0.3281

Rectangle

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



68.5901, 0.2943, 0.2997



68.5901, 0.3226, 0.3105



68.5901, 0.3308, 0.3597



68.5901, 0.3023, 0.3487

Sweetspot

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



68.5930, 0.2943, 0.2997



93.9726, 0.3082, 0.3219



83.3254, 0.2957, 0.3304



19.7777, 0.3070, 0.3199



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.



68.5930, 0.2943, 0.2997



73.8613, 0.2902, 0.2931



70.0149, 0.3031, 0.2993



15.3253, 0.2979, 0.3055



3.5960, 0.1507, 0.0624



0.3330, 0.1524, 0.0686

Inverse Universe

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



71.1218, 0.3329, 0.3279



77.2822, 0.3378, 0.3277



84.2773, 0.3215, 0.3585



15.7686, 0.3287, 0.3281



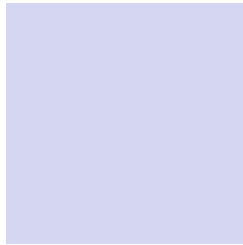
10.1564, 0.6360, 0.3277



0.8483, 0.6255, 0.3220

Previews

White Background



This preview shows how the Yxy color 68.5901, 0.2943, 0.2997 looks on a white background.

Color Contrast Check

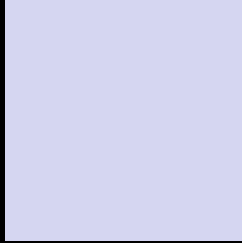
Large Text (above 18pt) WCAG AA × Fail

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 68.5901, 0.2943, 0.2997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

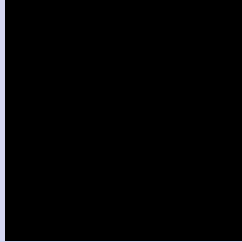
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

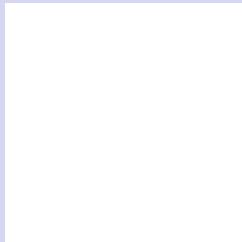
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.5901, 0.2943, 0.2997

Background



This preview shows how black text looks on a background with the Yxy color 68.5901, 0.2943, 0.2997.

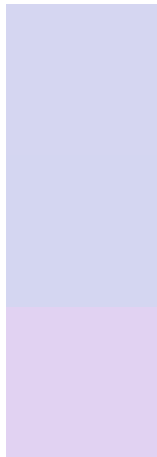


This preview shows how white text looks on a background with the Yxy color 68.5901, 0.2943, 0.2997.

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

68.5901, 0.2943, 0.2997

Protanopia

68.4411, 0.2937, 0.2996

Deuteranopia

68.5115, 0.3020, 0.2951



Tritanopia

68.2760, 0.2987, 0.3103

Trichromacy



Original Color

68.5901, 0.2943, 0.2997

Protanomaly

68.4411, 0.2937, 0.2996

Deuteranomaly

68.3715, 0.2992, 0.2959

Tritanomaly

68.5961, 0.2975, 0.3071

Monochromacy



Original Color

68.5901, 0.2943, 0.2997

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.2017, 0.3061, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.5901, 0.2943, 0.2997 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(213, 214, 241)` looks like.

```
.text, #text, p{  
    color:rgb(213, 214, 241)  
}
```

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(213, 214, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 214, 241) }
```

Border

The CSS property to change the border of an element to Yxy 68.5901, 0.2943, 0.2997 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(213, 214, 241) }
```

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

```
.border{ border-color:rgb(213, 214, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 214, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 214, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 214, 241);  
box-shadow:4px 4px 4px 4px rgb(213, 214,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 68.5901, 0.2943, 0.2997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 214, 241) }
```

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

```
.background{ background-color: rgb(213,  
214, 241) }
```

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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