

Converting Colors

$Yxy(67.7681, 0.2914, 0.2975)$

Have a look what the booklet for
Yxy(67.7681, 0.2914, 0.2975)
contains.

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Color

Yxy(67.7009, 0.2916, 0.2974)

Conversions

Conversions Part 1

Format	Color
Hex	D2D5F2
RGB	210, 213, 242
RGB Percent	82%, 84%, 95%
CMY	0.1768, 0.1646, 0.0510
CMYK	0.13, 0.12, 0.00, 0.05
HSL	234°, 55%, 89%
HSV	234°, 13%, 95%
XYZ	66.3806, 67.7009, 93.5611
YIQ	215.4090, -11.0970, 8.3830

Conversions

Conversions Part 2

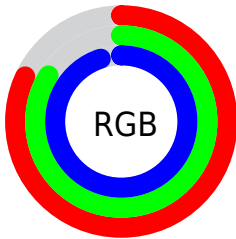
Format	Color
R _{YB}	210, 213, 242
Decimal	13817330
CIE _{Lab}	85.86, 4.58, -14.53
CIE _{LCh}	86, 15.229, 287.484
Y _{xy}	67.7009, 0.2916, 0.2974
Android (android.graphics.Color)	4292007410 (0xFFD2D5F2)
YUV	215.4090, 13.1094, -4.7437
Hunter-Lab	82.2806, 0.0155, -9.8222

Details

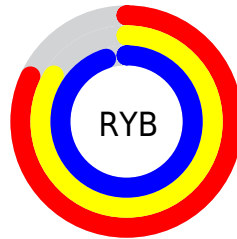
The Yxy color **67.7009, 0.2916, 0.2974** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.1847, 0.3330, 0.3588**, and the grayscale version is **68.1557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.9675, 0.2861, 0.2891** is the 20% darker color. If you saturate the color by 10%, you get **54.1536, 0.2736, 0.2700**, and if you desaturate by 10%, it is **83.2720, 0.3078, 0.3217**.

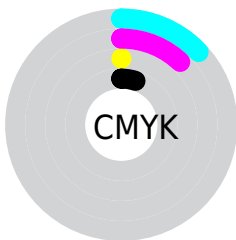
Distribution



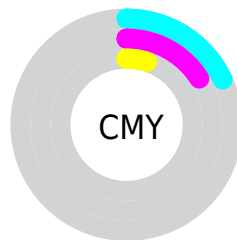
- Red (82%)
- Green (84%)
- Blue (95%)



- Red (82%)
- Yellow (84%)
- Blue (95%)



- Cyan (13%)
- Magenta (12%)
- Yellow (0%)
- Black (5%)



- Cyan (18%)
- Magenta (16%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.7009, 0.2916, 0.2974 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 67.7009, 0.2916, 0.2974 by changing the saturation by 10% instead.

■ 67.7009, 0.2916,
0.2974

■ 67.7009, 0.2916,
0.2974

452.4356, 0.3015,
0.3120

■ 49.6544, 0.2893,
0.2941

115.9242, 0.2951,
0.3025

■ 35.1389, 0.2865,
0.2900

146.8697, 0.2964,
0.3044

■ 23.7699, 0.2828,
0.2848

182.8838, 0.2976,
0.3061

■ 15.1630, 0.2781,
0.2780

224.3508, 0.2986,
0.3076

■ 8.9339, 0.2715,
0.2688

271.6551, 0.2994,
0.3089

■ 4.6981, 0.2619,
0.2556

325.1810, 0.3002,

■ 2.0712, 0.2468,

0.3101

0.2353

385.3131, 0.3009,
0.3111

0.6484, 0.2197,
0.1957

0.0000, 0.0000,
0.0000

67.7009, 0.2916,
0.2974

67.7009, 0.2916,
0.2974

54.1536, 0.2736,
0.2700

83.2720, 0.3078,
0.3217

42.5389, 0.2540,
0.2397

99.1900, 0.3203,
0.3415

32.7709, 0.2335,
0.2073

24.7542, 0.2128,
0.1741

■ 18.3845, 0.1933,
0.1418

■ 13.5467, 0.1763,
0.1127

■ 10.1103, 0.1632,
0.0890

■ 7.9229, 0.1547,
0.0724

■ 7.0413, 0.1515,
0.0653

Harmonies

Analogous

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



67.7009, 0.2800, 0.3013



67.7009, 0.2916, 0.2974



67.7009, 0.3091, 0.3015

Triad

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



67.7009, 0.2916, 0.2974



67.7009, 0.3499, 0.3434



67.7009, 0.2970, 0.3465

Complementary

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



67.7009, 0.2916, 0.2974



85.1847, 0.3330, 0.3588

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.



67.7009, 0.3154, 0.3587



67.7009, 0.2916, 0.2974



67.7009, 0.3463, 0.3562

Square

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



67.7009, 0.2916, 0.2974



67.7009, 0.3432, 0.3275



67.7009, 0.3335, 0.3621



67.7009, 0.2831, 0.3294

Rectangle

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



67.7009, 0.2916, 0.2974



67.7009, 0.3219, 0.3081



67.7009, 0.3335, 0.3621



67.7009, 0.3029, 0.3514

Sweetspot

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



67.7037, 0.2916, 0.2974



92.3798, 0.3067, 0.3200



83.4048, 0.2943, 0.3324



19.4754, 0.3055, 0.3183



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.



67.7037, 0.2916, 0.2974



71.7701, 0.2867, 0.2900



68.1120, 0.3005, 0.2949



15.4752, 0.2980, 0.3070



3.8702, 0.1519, 0.0666



0.4046, 0.1560, 0.0814

Inverse Universe

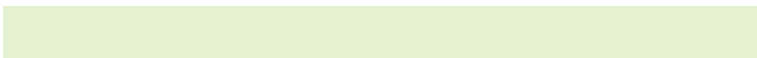
The Inverse Universe completely reimagines the original color for something new.



69.7346, 0.3348, 0.3258



74.5246, 0.3403, 0.3251



84.8294, 0.3238, 0.3627



15.7837, 0.3278, 0.3267



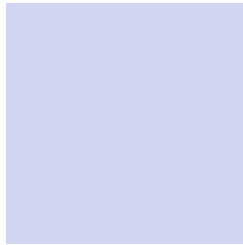
10.1840, 0.6289, 0.3238



0.8556, 0.6047, 0.3105

Previews

White Background



This preview shows how the Yxy color 67.7009, 0.2916, 0.2974 looks on a white background.

Color Contrast Check

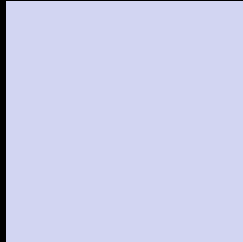
Large Text (above 18pt) WCAG AA × Fail

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 67.7009, 0.2916, 0.2974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

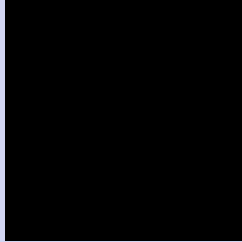
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.7009, 0.2916, 0.2974

Background



This preview shows how black text looks on a background with the Yxy color 67.7009, 0.2916, 0.2974.

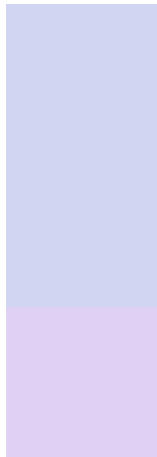


This preview shows how white text looks on a background with the Yxy color 67.7009, 0.2916, 0.2974.

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

67.7009, 0.2916, 0.2974

Protanopia

67.7009, 0.2916, 0.2974

Deuteranopia

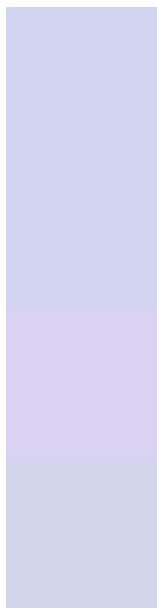
67.6016, 0.2993, 0.2928



Tritanopia

67.8370, 0.2966, 0.3101

Trichromacy



Original Color

67.7009, 0.2916, 0.2974

Protanomaly

67.7009, 0.2916, 0.2974

Deuteranomaly

67.4697, 0.2965, 0.2936

Tritanomaly

67.7046, 0.2947, 0.3048

Monochromacy



Original Color

67.7009, 0.2916, 0.2974

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.6755, 0.3046, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.7009, 0.2916, 0.2974 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(210, 213, 242)` looks like.

```
.text, #text, p{  
    color:rgb(210, 213, 242)  
}
```

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(210, 213, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 213, 242) }
```

Border

The CSS property to change the border of an element to Yxy 67.7009, 0.2916, 0.2974 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(210, 213, 242) }
```

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

```
.border{ border-color:rgb(210, 213, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 213, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 213, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 213, 242);  
box-shadow:4px 4px 4px 4px rgb(210, 213,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 67.7009, 0.2916, 0.2974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 213, 242) }
```

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

```
.background{ background-color: rgb(210,  
213, 242) }
```

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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