

Converting Colors

$Yxy(70.1750, 0.2845, 0.2958)$

Have a look what the booklet for
Yxy(70.1750, 0.2845, 0.2958)
contains.

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Color

Yxy(69.9615, 0.2843, 0.2953)

Conversions

Conversions Part 1

Format	Color
Hex	CDDAF9
RGB	205, 218, 249
RGB Percent	80%, 85%, 98%
CMY	0.1960, 0.1451, 0.0234
CMYK	0.18, 0.12, 0.00, 0.02
HSL	222°, 79%, 89%
HSV	222°, 18%, 98%
XYZ	67.3554, 69.9615, 99.5998
YIQ	217.6470, -17.6990, 6.8850

Conversions

Conversions Part 2

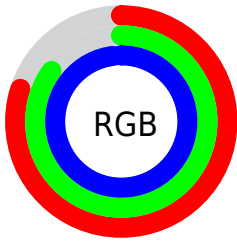
Format	Color
R _Y B	205, 215, 249
Decimal	13490937
CIE Lab	86.98, 1.90, -16.60
CIE LCh	87, 16.707, 276.542
Yxy	69.9615, 0.2843, 0.2953
Android (android.graphics.Color)	4291681017 (0xFFCDDAF9)
YUV	217.6470, 15.4570, -11.0914
Hunter-Lab	83.6430, -2.6341, -12.0508

Details

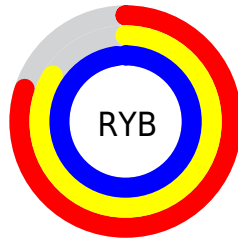
The Yxy color **69.9615, 0.2843, 0.2953** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.5801, 0.3415, 0.3606**, and the grayscale version is **69.7611, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.5287, 0.2769, 0.2866** is the 20% darker color. If you saturate the color by 10%, you get **58.0682, 0.2667, 0.2731**, and if you desaturate by 10%, it is **83.3895, 0.3009, 0.3152**.

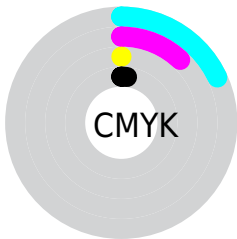
Distribution



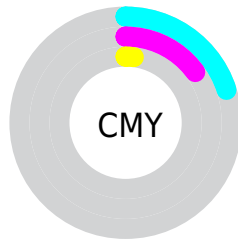
- Red (80%)
- Green (85%)
- Blue (98%)



- Red (80%)
- Yellow (84%)
- Blue (98%)



- Cyan (18%)
- Magenta (12%)
- Yellow (0%)
- Black (2%)



- Cyan (20%)
- Magenta (15%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.9615, 0.2843, 0.2953 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 69.9615, 0.2843, 0.2953 by changing the saturation by 10% instead.

■ 69.9615, 0.2843,
0.2953

■ 69.9615, 0.2843,
0.2953

460.4148, 0.2975,
0.3108

■ 51.4951, 0.2813,
0.2918

119.1538, 0.2889,
0.3007

■ 36.6028, 0.2776,
0.2874

150.6486, 0.2907,
0.3028

■ 24.9001, 0.2729,
0.2819

187.2550, 0.2922,
0.3046

■ 16.0027, 0.2667,
0.2748

229.3574, 0.2935,
0.3062

■ 9.5260, 0.2584,
0.2652

277.3402, 0.2947,
0.3075

■ 5.0859, 0.2465,
0.2515

331.5878, 0.2957,

■ 2.2977, 0.2281,

0.3088

0.2306

392.4845, 0.2967,
0.3099

0.7725, 0.1966,
0.1945

0.0000, 0.0000,
0.0000

69.9615, 0.2843,
0.2953

69.9615, 0.2843,
0.2953

58.0682, 0.2667,
0.2731

83.3895, 0.3009,
0.3152

47.6443, 0.2483,
0.2487

98.3969, 0.3162,
0.3329

38.6327, 0.2298,
0.2227

99.6214, 0.3162,
0.3347

30.9686, 0.2117,
0.1956

■ 24.5819, 0.1950,
0.1684

■ 19.3954, 0.1806,
0.1425

■ 15.3218, 0.1693,
0.1192

■ 12.2552, 0.1614,
0.0996

■ 11.6587, 0.1599,
0.0955

Harmonies

Analogous

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



69.9615, 0.2749, 0.3026



69.9615, 0.2843, 0.2953



69.9615, 0.3014, 0.2967

Triad

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



69.9615, 0.2843, 0.2953



69.9615, 0.3517, 0.3384



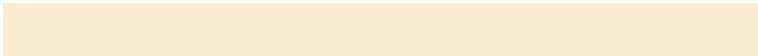
69.9615, 0.3026, 0.3538

Complementary

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



69.9615, 0.2843, 0.2953



84.5801, 0.3415, 0.3606

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.



69.9615, 0.3231, 0.3639



69.9615, 0.2843, 0.2953



69.9615, 0.3519, 0.3541

Square

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



69.9615, 0.2843, 0.2953



69.9615, 0.3406, 0.3210



69.9615, 0.3413, 0.3637



69.9615, 0.2853, 0.3365

Rectangle

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



69.9615, 0.2843, 0.2953



69.9615, 0.3151, 0.3021



69.9615, 0.3413, 0.3637



69.9615, 0.3094, 0.3582

Sweetspot

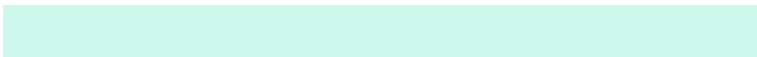
The Sweet Spot groups the original color and five complimentary colors.



69.9644, 0.2843, 0.2953



92.0578, 0.3051, 0.3202



86.7988, 0.2932, 0.3430



19.4725, 0.3040, 0.3189



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.



69.9644, 0.2843, 0.2953



69.4457, 0.2785, 0.2881



64.7864, 0.2896, 0.2816



17.4766, 0.2979, 0.3118



6.4523, 0.1606, 0.0983



0.7729, 0.1670, 0.1213

Inverse Universe

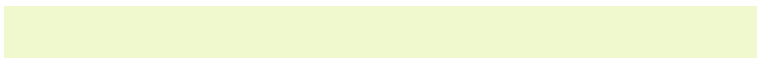
The Inverse Universe completely reimagines the original color for something new.



68.8818, 0.3372, 0.3157



68.2653, 0.3429, 0.3130



90.7443, 0.3334, 0.3739



17.3094, 0.3247, 0.3220



11.0623, 0.5785, 0.2960



1.0423, 0.5448, 0.2775

Previews

White Background



This preview shows how the Yxy color 69.9615, 0.2843, 0.2953 looks on a white background.

Color Contrast Check

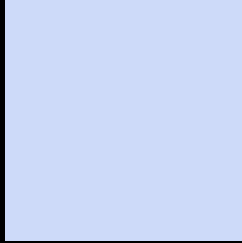
Large Text (above 18pt) WCAG AA × Fail

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 69.9615, 0.2843, 0.2953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

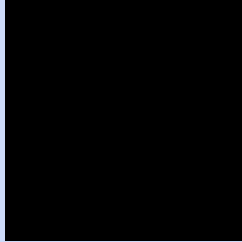
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.9615, 0.2843, 0.2953

Background



This preview shows how black text looks on a background with the Yxy color 69.9615, 0.2843, 0.2953.



This preview shows how white text looks on a background with the Yxy color 69.9615, 0.2843, 0.2953.

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

69.9615, 0.2843, 0.2953

Protanopia

69.8861, 0.2894, 0.2946

Deuteranopia

69.6771, 0.2955, 0.2891



Tritanopia

69.9973, 0.2903, 0.3102

Trichromacy



Original Color

69.9615, 0.2843, 0.2953

Protanomaly

69.9583, 0.2875, 0.2955

Deuteranomaly

69.5942, 0.2908, 0.2907

Tritanomaly

69.8513, 0.2885, 0.3048

Monochromacy



Original Color

69.9615, 0.2843, 0.2953

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.9461, 0.3020, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9615, 0.2843, 0.2953 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(205, 218, 249)` looks like.

```
.text, #text, p{  
    color:rgb(205, 218, 249)  
}
```

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(205, 218, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 218, 249) }
```

Border

The CSS property to change the border of an element to Yxy 69.9615, 0.2843, 0.2953 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(205, 218, 249) }
```

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

```
.border{ border-color:rgb(205, 218, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 218, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 218, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 218, 249);  
box-shadow:4px 4px 4px 4px rgb(205, 218,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9615, 0.2843, 0.2953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 218, 249) }
```

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

```
.background{ background-color: rgb(205,  
218, 249) }
```

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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