

Converting Colors

$Yxy(71.3365, 0.2833, 0.2945)$

Have a look what the booklet for
Yxy(71.3365, 0.2833, 0.2945)
contains.

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Color

Yxy(71.3365, 0.2833, 0.2945)

Conversions

Conversions Part 1

Format	Color
Hex	CEDCFC
RGB	206, 220, 252
RGB Percent	81%, 86%, 99%
CMY	0.1921, 0.1373, 0.0117
CMYK	0.18, 0.13, 0.00, 0.01
HSL	222°, 89%, 90%
HSV	222°, 18%, 99%
XYZ	68.6235, 71.3365, 102.2692
YIQ	219.4620, -18.6160, 6.9840

Conversions

Conversions Part 2

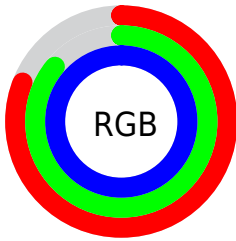
Format	Color
R _Y B	206, 217, 252
Decimal	13556988
CIE Lab	87.65, 1.79, -17.16
CIE LCh	88, 17.255, 275.969
Yxy	71.3365, 0.2833, 0.2945
Android (android.graphics.Color)	4291747068 (0xFFCEDCFC)
YUV	219.4620, 16.0412, -11.8062
Hunter-Lab	84.4609, -2.7775, -12.6684

Details

The Yxy color **71.3365, 0.2833, 0.2945** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.3329, 0.3427, 0.3613**, and the grayscale version is **71.0761, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.4297, 0.2765, 0.2869** is the 20% darker color. If you saturate the color by 10%, you get **59.2856, 0.2657, 0.2724**, and if you desaturate by 10%, it is **84.9381, 0.2999, 0.3143**.

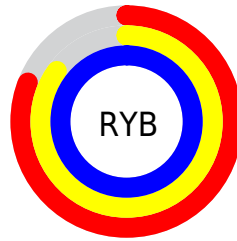
Distribution



Red (81%)

Green (86%)

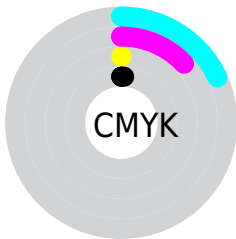
Blue (99%)



Red (81%)

Yellow (85%)

Blue (99%)

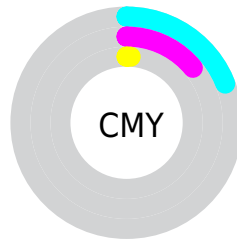


Cyan (18%)

Magenta (13%)

Yellow (0%)

Black (1%)



Cyan (19%)

Magenta (14%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.3365, 0.2833, 0.2945 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 71.3365, 0.2833, 0.2945 by changing the saturation by 10% instead.

■ 71.3365, 0.2833,
0.2945

■ 71.3365, 0.2833,
0.2945

465.2289, 0.2969,
0.3104

■ 52.6169, 0.2802,
0.2909

121.1127, 0.2880,
0.3000

■ 37.4970, 0.2764,
0.2865

152.9381, 0.2898,
0.3021

■ 25.5925, 0.2716,
0.2810

189.9009, 0.2914,
0.3040

■ 16.5191, 0.2653,
0.2738

232.3854, 0.2928,
0.3056

■ 9.8922, 0.2569,
0.2641

280.7760, 0.2940,
0.3070

■ 5.3275, 0.2448,
0.2503

335.4572, 0.2951,

■ 2.4407, 0.2264,

0.3082

0.2296

396.8134, 0.2960,
0.3093

0.8467, 0.1954,
0.1950

0.0000, 0.0000,
0.0000

71.3365, 0.2833,
0.2945

71.3365, 0.2833,
0.2945

59.2856, 0.2657,
0.2724

84.9381, 0.2999,
0.3143

48.7193, 0.2474,
0.2483

99.8100, 0.3144,
0.3318

39.5798, 0.2289,
0.2225

31.8015, 0.2110,
0.1956

■ 25.3135, 0.1945,
0.1688

■ 20.0373, 0.1804,
0.1432

■ 15.8844, 0.1693,
0.1201

■ 12.7438, 0.1616,
0.1006

■ 12.2800, 0.1604,
0.0975

Harmonies

Analogous

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



71.3365, 0.2739, 0.3022



71.3365, 0.2833, 0.2945



71.3365, 0.3007, 0.2958

Triad

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



71.3365, 0.2833, 0.2945



71.3365, 0.3526, 0.3383



71.3365, 0.3028, 0.3548

Complementary

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



71.3365, 0.2833, 0.2945



86.3329, 0.3427, 0.3613

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.



71.3365, 0.3238, 0.3649



71.3365, 0.2833, 0.2945



71.3365, 0.3530, 0.3544

Square

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



71.3365, 0.2833, 0.2945



71.3365, 0.3410, 0.3204



71.3365, 0.3423, 0.3645



71.3365, 0.2848, 0.3370

Rectangle

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



71.3365, 0.2833, 0.2945



71.3365, 0.3147, 0.3012



71.3365, 0.3423, 0.3645



71.3365, 0.3097, 0.3592

Sweetspot

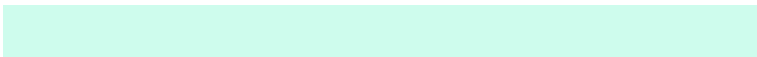
The Sweet Spot groups the original color and five complimentary colors.



71.3394, 0.2833, 0.2945



92.1288, 0.3051, 0.3203



88.9030, 0.2929, 0.3443



19.4897, 0.3040, 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.



71.3394, 0.2833, 0.2945



68.4334, 0.2768, 0.2865



65.5446, 0.2882, 0.2798



17.5030, 0.2979, 0.3120



6.6213, 0.1612, 0.1004



0.7913, 0.1677, 0.1236

Inverse Universe

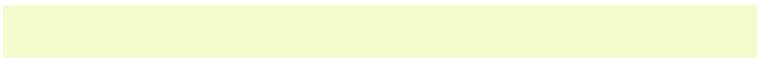
The Inverse Universe completely reimagines the original color for something new.



70.0181, 0.3379, 0.3148



67.0160, 0.3443, 0.3117



93.2549, 0.3346, 0.3754



17.3120, 0.3246, 0.3218



11.0793, 0.5753, 0.2943



1.0441, 0.5416, 0.2757

Previews

White Background



This preview shows how the Yxy color 71.3365, 0.2833, 0.2945 looks on a white background.

Color Contrast Check

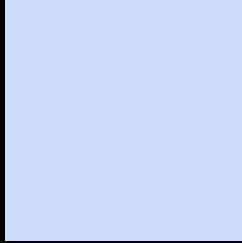
Large Text (above 18pt) WCAG AA × Fail

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 71.3365, 0.2833, 0.2945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

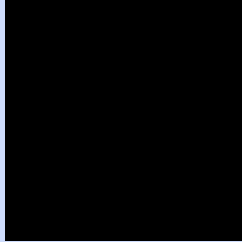
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

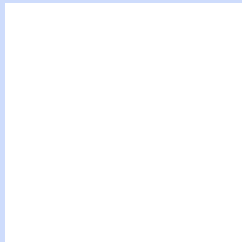
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.3365, 0.2833, 0.2945

Background



This preview shows how black text looks on a background with the Yxy color 71.3365, 0.2833, 0.2945.



This preview shows how white text looks on a background with the Yxy color 71.3365, 0.2833, 0.2945.

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

71.3365, 0.2833, 0.2945

Protanopia

71.4040, 0.2890, 0.2939

Deuteranopia

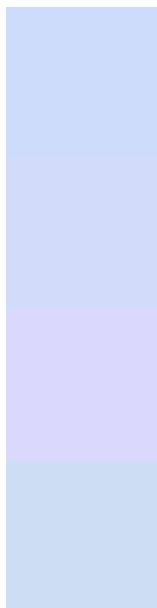
71.1925, 0.2950, 0.2884



Tritanopia

71.3712, 0.2892, 0.3092

Trichromacy



Original Color

71.3365, 0.2833, 0.2945

Protanomaly

71.4770, 0.2871, 0.2948

Deuteranomaly

71.1090, 0.2904, 0.2900

Tritanomaly

71.2237, 0.2874, 0.3039

Monochromacy



Original Color

71.3365, 0.2833, 0.2945

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.7287, 0.3014, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3365, 0.2833, 0.2945 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(206, 220, 252)` looks like.

```
.text, #text, p{  
    color:rgb(206, 220, 252)  
}
```

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(206, 220, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 220, 252) }
```

Border

The CSS property to change the border of an element to Yxy 71.3365, 0.2833, 0.2945 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(206, 220, 252) }
```

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

```
.border{ border-color:rgb(206, 220, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 220, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 220, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 220, 252);  
box-shadow:4px 4px 4px 4px rgb(206, 220,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3365, 0.2833, 0.2945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 220, 252) }
```

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

```
.background{ background-color: rgb(206,  
220, 252) }
```

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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