

Converting Colors

$Yxy(71.2350, 0.2832, 0.2958)$

Have a look what the booklet for
Yxy(71.2350, 0.2832, 0.2958)
contains.

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Color

Yxy(71.1306, 0.2832, 0.2955)

Conversions

Conversions Part 1

Format	Color
Hex	CDDCFB
RGB	205, 220, 251
RGB Percent	80%, 86%, 98%
CMY	0.1963, 0.1372, 0.0156
CMYK	0.18, 0.12, 0.00, 0.02
HSL	220°, 85%, 89%
HSV	220°, 18%, 98%
XYZ	68.1698, 71.1306, 101.4123
YIQ	219.0490, -18.8910, 6.4610

Conversions

Conversions Part 2

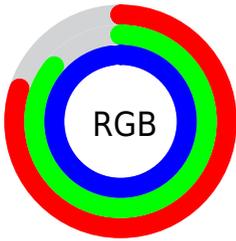
Format	Color
R_{YB}	205, 216, 251
Decimal	13491451
CIE _{Lab}	87.55, 1.23, -16.79
CIE _{LCh}	88, 16.831, 274.205
Yxy	71.1306, 0.2832, 0.2955
Android (android.graphics.Color)	4291681531 (0xFFCDDCFB)
YUV	219.0490, 15.7518, -12.3210
Hunter-Lab	84.3390, -3.3145, -12.2552

Details

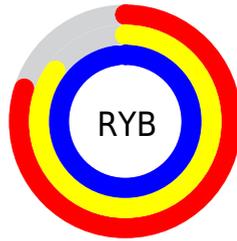
The Yxy color **71.1306, 0.2832, 0.2955** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.8628, 0.3430, 0.3604**, and the grayscale version is **70.7679, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2893, 0.2764, 0.2881** is the 20% darker color. If you saturate the color by 10%, you get **59.4273, 0.2657, 0.2742**, and if you desaturate by 10%, it is **84.3072, 0.2998, 0.3147**.

Distribution



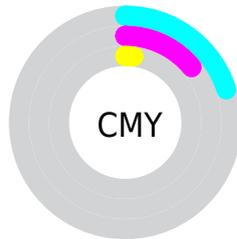
- Red (80%)
- Green (86%)
- Blue (98%)



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



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



- Cyan (20%)
- Magenta (14%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.1306, 0.2832, 0.2955 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 71.1306, 0.2832, 0.2955 by changing the saturation by 10% instead.

■ 71.1306, 0.2832,
0.2955

■ 71.1306, 0.2832,
0.2955

464.5099, 0.2968,
0.3109

■ 52.4488, 0.2801,
0.2920

120.8197, 0.2879,
0.3008

■ 37.3629, 0.2763,
0.2877

152.5957, 0.2898,
0.3029

■ 25.4886, 0.2714,
0.2823

189.5053, 0.2913,
0.3047

■ 16.4415, 0.2652,
0.2752

231.9328, 0.2927,
0.3063

■ 9.8371, 0.2567,
0.2657

280.2626, 0.2939,
0.3076

■ 5.2911, 0.2445,
0.2523

334.8791, 0.2950,

■ 2.4190, 0.2260,

0.3089

0.2318

396.1667, 0.2960,
0.3099

0.8357, 0.1948,
0.1975

0.0000, 0.0000,
0.0000

71.1306, 0.2832,
0.2955

71.1306, 0.2832,
0.2955

59.4273, 0.2657,
0.2742

84.3072, 0.2998,
0.3147

49.1348, 0.2476,
0.2509

98.9734, 0.3151,
0.3317

40.1989, 0.2295,
0.2260

99.7458, 0.3150,
0.3328

32.5583, 0.2119,
0.2000

■ 26.1462, 0.1957,
0.1739

■ 20.8891, 0.1818,
0.1488

■ 16.7037, 0.1708,
0.1259

■ 13.4845, 0.1631,
0.1062

■ 13.0299, 0.1620,
0.1033

Harmonies

Analogous

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



71.1306, 0.2745, 0.3035



71.1306, 0.2832, 0.2955



71.1306, 0.2998, 0.2962

Triad

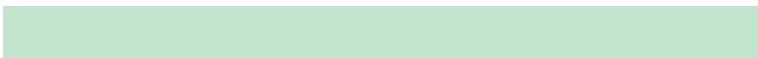
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.1306, 0.2832, 0.2955



71.1306, 0.3513, 0.3370



71.1306, 0.3042, 0.3550

Complementary

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



71.1306, 0.2832, 0.2955



84.8628, 0.3430, 0.3604

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.



71.1306, 0.3247, 0.3643



71.1306, 0.2832, 0.2955



71.1306, 0.3524, 0.3530

Square

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



71.1306, 0.2832, 0.2955



71.1306, 0.3394, 0.3197



71.1306, 0.3425, 0.3633



71.1306, 0.2863, 0.3380

Rectangle

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



71.1306, 0.2832, 0.2955



71.1306, 0.3134, 0.3013



71.1306, 0.3425, 0.3633



71.1306, 0.3110, 0.3591

Sweetspot

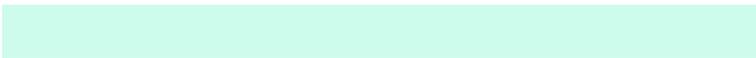
The Sweet Spot groups the original color and five complimentary colors.



71.1335, 0.2832, 0.2955



90.8223, 0.3035, 0.3188



88.0075, 0.2933, 0.3453



19.2333, 0.3025, 0.3177



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.



71.1335, 0.2832, 0.2955



69.1136, 0.2769, 0.2880



64.6850, 0.2875, 0.2794



17.5712, 0.2979, 0.3126



7.0837, 0.1628, 0.1062



0.8408, 0.1694, 0.1296

Inverse Universe

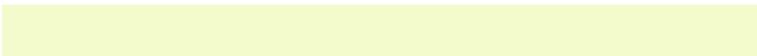
The Inverse Universe completely reimagines the original color for something new.



69.3108, 0.3372, 0.3136



67.0847, 0.3433, 0.3104



92.5203, 0.3353, 0.3756



17.3189, 0.3242, 0.3213



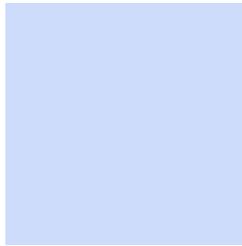
11.1260, 0.5666, 0.2895



1.0491, 0.5332, 0.2711

Previews

White Background



This preview shows how the Yxy color 71.1306, 0.2832, 0.2955 looks on a white background.

Color Contrast Check

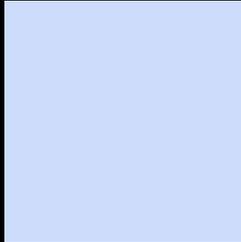
Large Text (above 18pt) WCAG AA × Fail

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 71.1306, 0.2832, 0.2955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

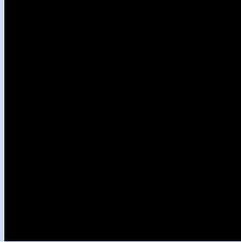
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.1306, 0.2832, 0.2955

Background



This preview shows how black text looks on a background with the Yxy color 71.1306, 0.2832, 0.2955.



This preview shows how white text looks on a background with the Yxy color 71.1306, 0.2832, 0.2955.

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

71.1306, 0.2832, 0.2955

Protanopia

71.2785, 0.2902, 0.2959

Deuteranopia

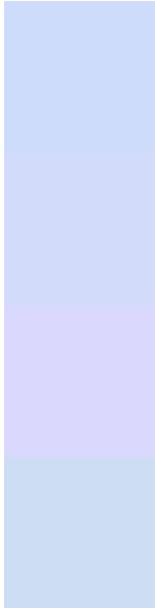
71.1290, 0.2957, 0.2894



Tritanopia

71.2303, 0.2885, 0.3092

Trichromacy



Original Color

71.1306, 0.2832, 0.2955

Protanomaly

71.4140, 0.2877, 0.2958

Deuteranomaly

71.0454, 0.2910, 0.2910

Tritanomaly

71.0819, 0.2868, 0.3038

Monochromacy



Original Color

71.1306, 0.2832, 0.2955

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 71.1306, 0.2832, 0.2955 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, 220, 251)` looks like.

```
.text, #text, p{  
    color:rgb(205, 220, 251)  
}
```

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, 220, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 220, 251) }
```

Border

The CSS property to change the border of an element to Yxy 71.1306, 0.2832, 0.2955 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, 220, 251) }
```

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

```
.border{ border-color:rgb(205, 220, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 220, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 220, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 220, 251);  
box-shadow:4px 4px 4px 4px rgb(205, 220,  
251) }
```

Background

The CSS property to change the background color of an element to Yxy 71.1306, 0.2832, 0.2955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 220, 251) }
```

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

```
.background{ background-color: rgb(205,  
220, 251) }
```

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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