

Converting Colors

$Yxy(71.5547, 0.2913, 0.3119)$

Have a look what the booklet for
Yxy(71.5547, 0.2913, 0.3119)
contains.

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Color

Yxy(71.3947, 0.2910, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	CDDEEE
RGB	205, 222, 238
RGB Percent	80%, 87%, 93%
CMY	0.1963, 0.1293, 0.0666
CMYK	0.14, 0.07, 0.00, 0.07
HSL	209°, 49%, 87%
HSV	209°, 14%, 93%
XYZ	66.7176, 71.3947, 91.1578
YIQ	218.7410, -15.2680, 1.3720

Conversions

Conversions Part 2

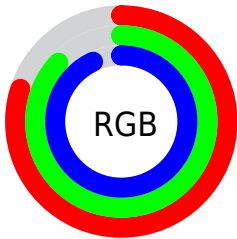
Format	Color
R _Y B	205, 216, 238
Decimal	13491950
CIE _{Lab}	87.68, -2.52, -9.75
CIE _{LCh}	88, 10.066, 255.510
Y _{xy}	71.3947, 0.2910, 0.3114
Android (android.graphics.Color)	4291682030 (0xFFCDDEEE)
Y _{UV}	218.7410, 9.4947, -12.0509
Hunter-Lab	84.4954, -6.9232, -4.8182

Details

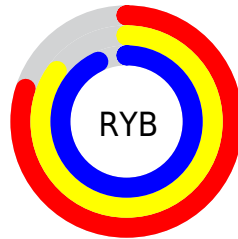
The Yxy color **71.3947, 0.2910, 0.3114** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.2537, 0.3360, 0.3460**, and the grayscale version is **70.5856, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.5941, 0.2864, 0.3074** is the 20% darker color. If you saturate the color by 10%, you get **62.3630, 0.2748, 0.2970**, and if you desaturate by 10%, it is **81.3641, 0.3067, 0.3243**.

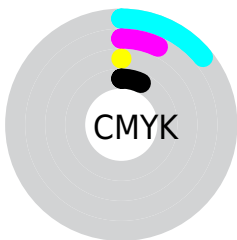
Distribution



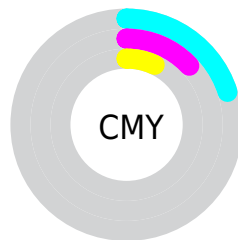
- Red (80%)
- Green (87%)
- Blue (93%)



- Red (80%)
- Yellow (85%)
- Blue (93%)



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)
- Black (7%)



- Cyan (20%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.3947, 0.2910, 0.3114 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 71.3947, 0.2910, 0.3114 by changing the saturation by 10% instead.

■ 71.3947, 0.2910,
0.3114

■ 71.3947, 0.2910,
0.3114

465.4320, 0.3010,
0.3196

■ 52.6644, 0.2887,
0.3095

121.1956, 0.2945,
0.3143

■ 37.5349, 0.2859,
0.3072

153.0349, 0.2958,
0.3154

■ 25.6219, 0.2823,
0.3042

190.0126, 0.2970,
0.3163

■ 16.5410, 0.2777,
0.3003

232.5133, 0.2980,
0.3171

■ 9.9078, 0.2713,
0.2950

280.9211, 0.2989,
0.3179

■ 5.3379, 0.2622,
0.2872

335.6206, 0.2997,

■ 2.4468, 0.2480,

0.3185

0.2750

396.9961, 0.3004,
0.3191

0.8498, 0.2224,
0.2532

0.0000, 0.0000,
0.0000

71.3947, 0.2910,
0.3114

71.3947, 0.2910,
0.3114

62.3630, 0.2748,
0.2970

81.3641, 0.3067,
0.3243

54.2287, 0.2585,
0.2813

92.2920, 0.3218,
0.3359

46.9613, 0.2423,
0.2642

98.9535, 0.3226,
0.3454

40.5247, 0.2269,
0.2462

■ 34.8801, 0.2127,
0.2274

■ 29.9841, 0.2002,
0.2083

■ 25.7881, 0.1898,
0.1894

■ 22.2342, 0.1819,
0.1713

■ 20.3319, 0.1780,
0.1608

Harmonies

Analogous

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



71.3947, 0.2894, 0.3193



71.3947, 0.2910, 0.3114



71.3947, 0.2984, 0.3083

Triad

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



71.3947, 0.2910, 0.3114



71.3947, 0.3319, 0.3274



71.3947, 0.3154, 0.3484

Complementary

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



71.3947, 0.2910, 0.3114



74.2537, 0.3360, 0.3460

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.



71.3947, 0.3270, 0.3503



71.3947, 0.2910, 0.3114



71.3947, 0.3367, 0.3380

Square

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



71.3947, 0.2910, 0.3114



71.3947, 0.3220, 0.3175



71.3947, 0.3348, 0.3464



71.3947, 0.3033, 0.3409

Rectangle

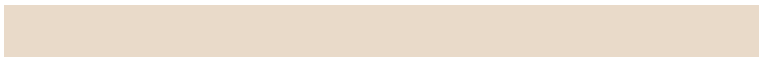
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.3947, 0.2910, 0.3114



71.3947, 0.3056, 0.3092



71.3947, 0.3348, 0.3464



71.3947, 0.3195, 0.3497

Sweetspot

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



71.3977, 0.2910, 0.3114



95.0112, 0.3066, 0.3242



79.3395, 0.3014, 0.3477



20.1398, 0.3054, 0.3233



0.0000, 0.0000, 0.0000



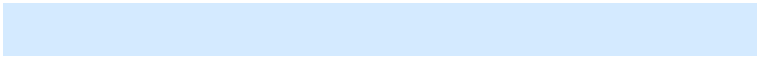
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.3977, 0.2910, 0.3114



80.0377, 0.2859, 0.3070



63.0388, 0.2904, 0.2927



16.5797, 0.2980, 0.3173



11.6030, 0.1787, 0.1634



1.1645, 0.1852, 0.1867

Inverse Universe

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



67.0849, 0.3257, 0.3110



74.1154, 0.3292, 0.3067



83.4161, 0.3336, 0.3629



15.8952, 0.3212, 0.3169



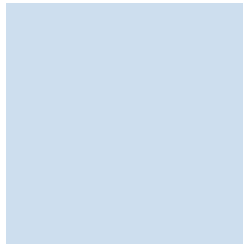
10.9647, 0.4888, 0.2466



0.9323, 0.4606, 0.2311

Previews

White Background



This preview shows how the Yxy color 71.3947, 0.2910, 0.3114 looks on a white background.

Color Contrast Check

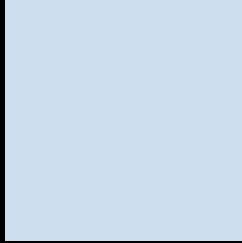
Large Text (above 18pt) WCAG AA × Fail

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 71.3947, 0.2910, 0.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

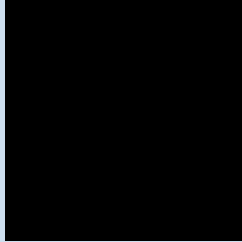
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

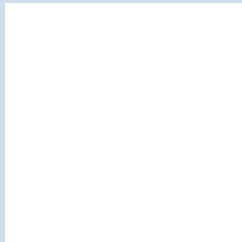
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.3947, 0.2910, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 71.3947, 0.2910, 0.3114.



This preview shows how white text looks on a background with the Yxy color 71.3947, 0.2910, 0.3114.

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

71.3947, 0.2910, 0.3114

Protanopia

71.2590, 0.3017, 0.3096

Deuteranopia

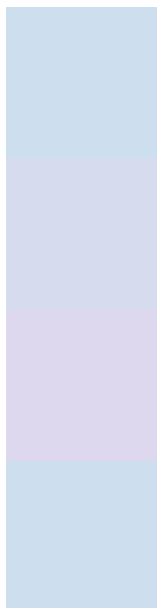
71.0356, 0.3083, 0.3008



Tritanopia

71.4537, 0.2904, 0.3103

Trichromacy



Original Color

71.3947, 0.2910, 0.3114

Protanomaly

71.0736, 0.2976, 0.3095

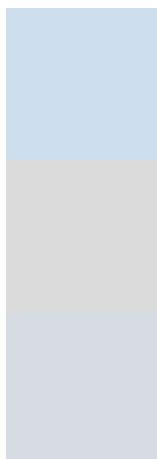
Deuteranomaly

70.8733, 0.3018, 0.3045

Tritanomaly

71.4537, 0.2904, 0.3103

Monochromacy



Original Color

71.3947, 0.2910, 0.3114

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.9735, 0.3046, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3947, 0.2910, 0.3114 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, 222, 238)` looks like.

```
.text, #text, p{  
    color:rgb(205, 222, 238)  
}
```

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, 222, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 222, 238) }
```

Border

The CSS property to change the border of an element to Yxy 71.3947, 0.2910, 0.3114 is called "border". The border property can be set on classes, ids or directly on the HTML element.

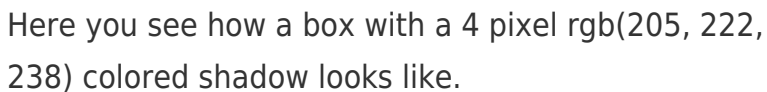
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 222, 238) }
```

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

```
.border{ border-color:rgb(205, 222, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 222, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 222, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 222, 238); box-shadow:4px 4px 4px 4px rgb(205, 222, 238) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3947, 0.2910, 0.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 222, 238) }
```

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

```
.background{ background-color: rgb(205,  
222, 238) }
```

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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