

Converting Colors

$Yxy(71.1745, 0.2877, 0.2909)$

Have a look what the booklet for
Yxy(71.1745, 0.2877, 0.2909)
contains.

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Color

Yxy(71.0137, 0.2877, 0.2908)

Conversions

Conversions Part 1

Format	Color
Hex	D6D9FD
RGB	214, 217, 253
RGB Percent	84%, 85%, 99%
CMY	0.1611, 0.1489, 0.0078
CMYK	0.15, 0.14, 0.00, 0.01
HSL	235°, 91%, 92%
HSV	235°, 15%, 99%
XYZ	70.2567, 71.0137, 102.9308
YIQ	220.2070, -13.3440, 10.5600

Conversions

Conversions Part 2

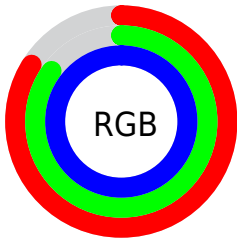
Format	Color
R _Y B	214, 217, 253
Decimal	14080509
CIE Lab	87.49, 6.00, -17.85
CIE LCh	87, 18.834, 288.576
Yxy	71.0137, 0.2877, 0.2908
Android (android.graphics.Color)	4292270589 (0xFFD6D9FD)
YUV	220.2070, 16.1669, -5.4435
Hunter-Lab	84.2696, 1.3459, -13.4308

Details

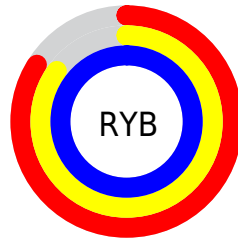
The Yxy color **71.0137, 0.2877, 0.2908** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.0394, 0.3364, 0.3645**, and the grayscale version is **71.6087, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.1971, 0.2821, 0.2822** is the 20% darker color. If you saturate the color by 10%, you get **56.3297, 0.2692, 0.2621**, and if you desaturate by 10%, it is **87.9890, 0.3044, 0.3164**.

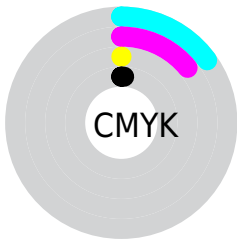
Distribution



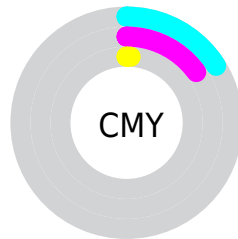
- Red (84%)
- Green (85%)
- Blue (99%)



- Red (84%)
- Yellow (85%)
- Blue (99%)



- Cyan (15%)
- Magenta (14%)
- Yellow (0%)
- Black (1%)



- Cyan (16%)
- Magenta (15%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.0137, 0.2877, 0.2908 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 71.0137, 0.2877, 0.2908 by changing the saturation by 10% instead.

■ 71.0137, 0.2877,
0.2908

■ 71.0137, 0.2877,
0.2908

464.1013, 0.2993,
0.3082

■ 52.3534, 0.2850,
0.2869

120.6532, 0.2917,
0.2968

■ 37.2868, 0.2817,
0.2821

152.4012, 0.2933,
0.2991

■ 25.4296, 0.2776,
0.2761

189.2806, 0.2947,
0.3012

■ 16.3974, 0.2721,
0.2683

231.6757, 0.2958,
0.3029

■ 9.8058, 0.2647,
0.2579

279.9709, 0.2969,
0.3045

■ 5.2704, 0.2541,
0.2432

334.5506, 0.2978,

■ 2.4068, 0.2378,

0.3059

0.2214

395.7993, 0.2986,
0.3071

■ 0.8294, 0.2098,
0.1854

■ 0.0000, 0.0000,
0.0000

■ 71.0137, 0.2877,
0.2908

■ 71.0137, 0.2877,
0.2908

■ 56.3297, 0.2692,
0.2621

■ 87.9890, 0.3044,
0.3164

■ 43.8304, 0.2492,
0.2306

99.8718, 0.3139,
0.3309

■ 33.4139, 0.2283,
0.1972

■ 24.9666, 0.2075,
0.1635

■ 18.3643, 0.1883,
0.1314

■ 13.4682, 0.1720,
0.1034

■ 10.1201, 0.1600,
0.0818

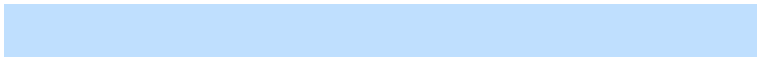
■ 8.1314, 0.1530,
0.0678

■ 7.5957, 0.1511,
0.0638

Harmonies

Analogous

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



71.0137, 0.2734, 0.2950



71.0137, 0.2877, 0.2908



71.0137, 0.3091, 0.2961

Triad

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



71.0137, 0.2877, 0.2908



71.0137, 0.3581, 0.3469



71.0137, 0.2928, 0.3497

Complementary

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



71.0137, 0.2877, 0.2908



94.0394, 0.3364, 0.3645

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.



71.0137, 0.3151, 0.3651



71.0137, 0.2877, 0.2908



71.0137, 0.3532, 0.3624

Square

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



71.0137, 0.2877, 0.2908



71.0137, 0.3503, 0.3277



71.0137, 0.3372, 0.3695



71.0137, 0.2763, 0.3286

Rectangle

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



71.0137, 0.2877, 0.2908



71.0137, 0.3246, 0.3043



71.0137, 0.3372, 0.3695



71.0137, 0.2999, 0.3558

Sweetspot

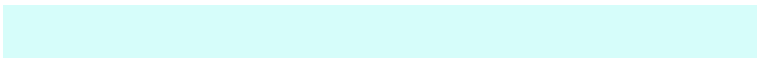
The Sweet Spot groups the original color and five complimentary colors.



71.0166, 0.2877, 0.2908



90.4002, 0.3051, 0.3175



91.4207, 0.2910, 0.3323



19.0711, 0.3040, 0.3158



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.



71.0166, 0.2877, 0.2908



66.7113, 0.2813, 0.2809



72.0032, 0.2986, 0.2888



17.6095, 0.2978, 0.3064



4.1198, 0.1514, 0.0649



0.4773, 0.1544, 0.0757

Inverse Universe

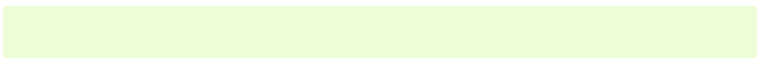
The Inverse Universe completely reimagines the original color for something new.



73.9482, 0.3397, 0.3259



70.3410, 0.3473, 0.3252



93.0572, 0.3253, 0.3688



18.0105, 0.3282, 0.3271



11.1439, 0.6317, 0.3254



1.0927, 0.6139, 0.3156

Previews

White Background



This preview shows how the Yxy color 71.0137, 0.2877, 0.2908 looks on a white background.

Color Contrast Check

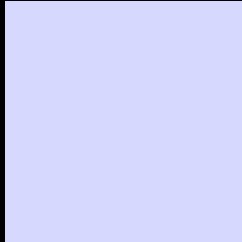
Large Text (above 18pt) WCAG AA × Fail

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 71.0137, 0.2877, 0.2908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

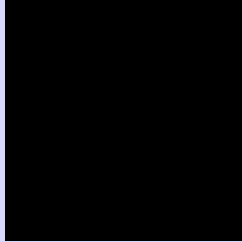
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.0137, 0.2877, 0.2908

Background



This preview shows how black text looks on a background with the Yxy color 71.0137, 0.2877, 0.2908.

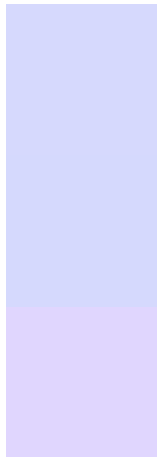


This preview shows how white text looks on a background with the Yxy color 71.0137, 0.2877, 0.2908.

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

71.0137, 0.2877, 0.2908

Protanopia

70.8637, 0.2871, 0.2907

Deuteranopia

71.0962, 0.2937, 0.2873



Tritanopia

71.1497, 0.2956, 0.3105

Trichromacy



Original Color

71.0137, 0.2877, 0.2908

Protanomaly

70.8637, 0.2871, 0.2907

Deuteranomaly

70.9723, 0.2911, 0.2881

Tritanomaly

71.1311, 0.2926, 0.3031

Monochromacy



Original Color

71.0137, 0.2877, 0.2908

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.3947, 0.3035, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0137, 0.2877, 0.2908 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(214, 217, 253)` looks like.

```
.text, #text, p{  
    color:rgb(214, 217, 253)  
}
```

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(214, 217, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 217, 253) }
```

Border

The CSS property to change the border of an element to Yxy 71.0137, 0.2877, 0.2908 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(214, 217, 253) }
```

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

```
.border{ border-color:rgb(214, 217, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 217, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 217, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 217, 253); box-shadow:4px 4px 4px 4px rgb(214, 217, 253) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0137, 0.2877, 0.2908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 217, 253) }
```

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

```
.background{ background-color: rgb(214,  
217, 253) }
```

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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