

Converting Colors

$Yxy(70.6622, 0.2861, 0.2953)$

Have a look what the booklet for
Yxy(70.6622, 0.2861, 0.2953)
contains.

Yxy(70.4548, 0.2857, 0.2945)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(70.4548, 0.2857, 0.2945)

Conversions

Conversions Part 1

Format	Color
Hex	D0DAFA
RGB	208, 218, 250
RGB Percent	82%, 85%, 98%
CMY	0.1841, 0.1451, 0.0196
CMYK	0.17, 0.13, 0.00, 0.02
HSL	226°, 81%, 90%
HSV	226°, 17%, 98%
XYZ	68.3495, 70.4548, 100.4310
YIQ	218.6580, -16.2320, 7.8320

Conversions

Conversions Part 2

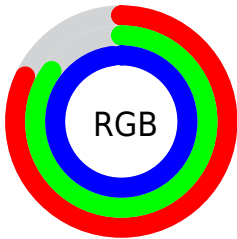
Format	Color
R_{YB}	208, 216, 250
Decimal	13687546
CIE _{Lab}	87.22, 3.04, -16.72
CIE _{LCh}	87, 16.995, 280.321
Yxy	70.4548, 0.2857, 0.2945
Android (android.graphics.Color)	4291877626 (0xFFD0DAFA)
YUV	218.6580, 15.4516, -9.3471
Hunter-Lab	83.9374, -1.5392, -12.1843

Details

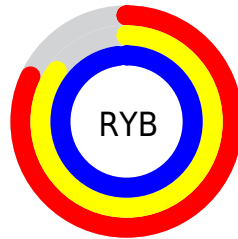
The Yxy color **70.4548, 0.2857, 0.2945** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.2345, 0.3396, 0.3613**, and the grayscale version is **70.4957, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.8169, 0.2794, 0.2869** is the 20% darker color. If you saturate the color by 10%, you get **57.7826, 0.2678, 0.2706**, and if you desaturate by 10%, it is **84.8428, 0.3023, 0.3159**.

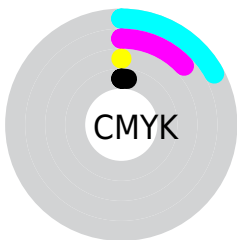
Distribution



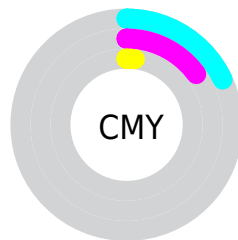
- Red (82%)
- Green (85%)
- Blue (98%)



- Red (82%)
- Yellow (85%)
- Blue (98%)



- Cyan (17%)
- Magenta (13%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (15%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.4548, 0.2857, 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 70.4548, 0.2857, 0.2945 by changing the saturation by 10% instead.

■ 70.4548, 0.2857,
0.2945

■ 70.4548, 0.2857,
0.2945

462.1453, 0.2982,
0.3104

■ 51.8974, 0.2828,
0.2909

119.8571, 0.2901,
0.3000

■ 36.9233, 0.2793,
0.2865

151.4708, 0.2917,
0.3021

■ 25.1481, 0.2748,
0.2809

188.2054, 0.2932,
0.3040

■ 16.1874, 0.2690,
0.2737

230.4452, 0.2945,
0.3056

■ 9.6569, 0.2610,
0.2640

278.5747, 0.2956,
0.3070

■ 5.1721, 0.2497,
0.2502

332.9783, 0.2966,

■ 2.3486, 0.2322,

0.3082

0.2293

394.0404, 0.2974,
0.3094

0.7992, 0.2024,
0.1939

0.0000, 0.0000,
0.0000

70.4548, 0.2857,
0.2945

70.4548, 0.2857,
0.2945

57.7826, 0.2678,
0.2706

84.8428, 0.3023,
0.3159

46.7524, 0.2490,
0.2443

99.6816, 0.3156,
0.3338

37.2977, 0.2298,
0.2162

29.3440, 0.2110,
0.1872

■ 22.8104, 0.1934,
0.1584

■ 17.6077, 0.1783,
0.1313

■ 13.6358, 0.1665,
0.1076

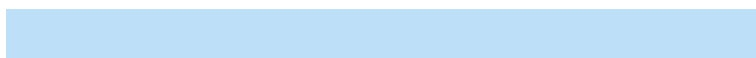
■ 10.7764, 0.1585,
0.0887

■ 10.0513, 0.1566,
0.0836

Harmonies

Analogous

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



70.4548, 0.2750, 0.3008



70.4548, 0.2857, 0.2945



70.4548, 0.3037, 0.2970

Triad

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



70.4548, 0.2857, 0.2945



70.4548, 0.3529, 0.3407



70.4548, 0.3000, 0.3523

Complementary

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



70.4548, 0.2857, 0.2945



87.2345, 0.3396, 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.



70.4548, 0.3207, 0.3637



70.4548, 0.2857, 0.2945



70.4548, 0.3517, 0.3561

Square

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



70.4548, 0.2857, 0.2945



70.4548, 0.3430, 0.3230



70.4548, 0.3397, 0.3648



70.4548, 0.2831, 0.3341

Rectangle

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



70.4548, 0.2857, 0.2945



70.4548, 0.3178, 0.3031



70.4548, 0.3397, 0.3648



70.4548, 0.3067, 0.3571

Sweetspot

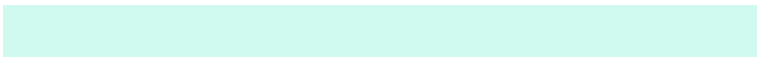
The Sweet Spot groups the original color and five complimentary colors.



70.4577, 0.2857, 0.2945



91.6097, 0.3051, 0.3194



88.0463, 0.2930, 0.3400



19.3639, 0.3040, 0.3181



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.



70.4577, 0.2857, 0.2945



69.2099, 0.2800, 0.2870



67.0308, 0.2924, 0.2844



17.3103, 0.2979, 0.3103



5.5146, 0.1572, 0.0860



0.6666, 0.1632, 0.1076

Inverse Universe

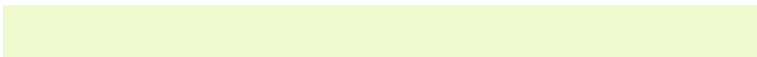
The Inverse Universe completely reimagines the original color for something new.



70.5240, 0.3375, 0.3189



69.4077, 0.3434, 0.3168



91.3621, 0.3310, 0.3717



17.2926, 0.3257, 0.3234



10.9676, 0.5974, 0.3064



1.0315, 0.5646, 0.2884

Previews

White Background



This preview shows how the Yxy color 70.4548, 0.2857, 0.2945 looks on a white background.

Color Contrast Check

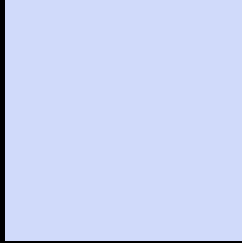
Large Text (above 18pt) WCAG AA × Fail

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 70.4548, 0.2857, 0.2945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

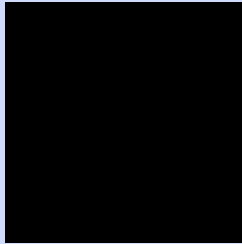
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.4548, 0.2857, 0.2945

Background



This preview shows how black text looks on a background with the Yxy color 70.4548, 0.2857, 0.2945.

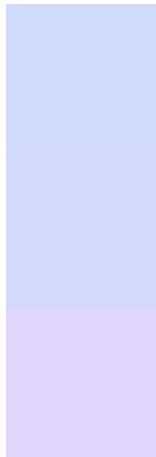


This preview shows how white text looks on a background with the Yxy color 70.4548, 0.2857, 0.2945.

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

70.4548, 0.2857, 0.2945

Protanopia

70.6114, 0.2895, 0.2948

Deuteranopia

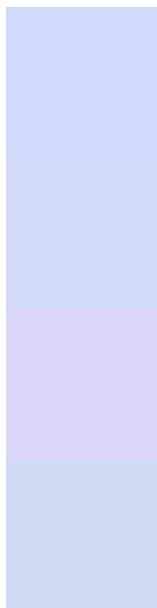
70.4008, 0.2956, 0.2892



Tritanopia

70.4813, 0.2916, 0.3092

Trichromacy



Original Color

70.4548, 0.2857, 0.2945

Protanomaly

70.3141, 0.2882, 0.2946

Deuteranomaly

70.4713, 0.2916, 0.2909

Tritanomaly

70.3392, 0.2898, 0.3039

Monochromacy



Original Color

70.4548, 0.2857, 0.2945

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.8233, 0.3027, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.4548, 0.2857, 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(208, 218, 250)` looks like.

```
.text, #text, p{  
    color:rgb(208, 218, 250)  
}
```

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(208, 218, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 218, 250) }
```

Border

The CSS property to change the border of an element to Yxy 70.4548, 0.2857, 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(208, 218, 250) }
```

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

```
.border{ border-color:rgb(208, 218, 250) }
```

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

Here you see how a box with a 4 pixel rgb(208, 218, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 218, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 218, 250);  
box-shadow:4px 4px 4px 4px rgb(208, 218,  
250) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 70.4548, 0.2857, 0.2945$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 218, 250) }
```

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

```
.background{ background-color: rgb(208,  
218, 250) }
```

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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