

Converting Colors

Yxy(61.4006, 0.2958, 0.2843)

Have a look what the booklet for
Yxy(61.4006, 0.2958, 0.2843)
contains.

Yxy(61.4343, 0.2954, 0.2841)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.4343, 0.2954, 0.2841)

Conversions

Conversions Part 1

Format	Color
Hex	D6C7F0
RGB	214, 199, 240
RGB Percent	84%, 78%, 94%
CMY	0.1609, 0.2196, 0.0588
CMYK	0.11, 0.17, 0.00, 0.06
HSL	262°, 58%, 86%
HSV	262°, 17%, 94%
XYZ	63.8778, 61.4343, 90.9297
YIQ	208.1590, -4.2210, 15.9310

Conversions

Conversions Part 2

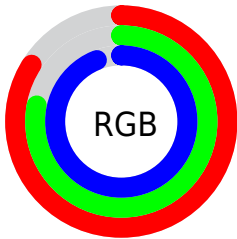
Format	Color
R _Y B	214, 199, 240
Decimal	14075888
CIE Lab	82.61, 12.92, -18.32
CIE LCh	83, 22.416, 305.183
Yxy	61.4343, 0.2954, 0.2841
Android (android.graphics.Color)	4292265968 (0xFFD6C7F0)
YUV	208.1590, 15.6976, 5.1226
Hunter-Lab	78.3800, 8.3081, -13.9171

Details

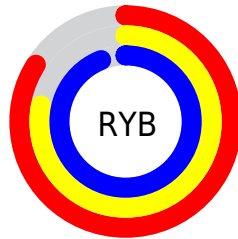
The Yxy color **61.4343, 0.2954, 0.2841** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.4588, 0.3280, 0.3729**, and the grayscale version is **63.0832, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.0824, 0.2907, 0.2732** is the 20% darker color. If you saturate the color by 10%, you get **49.0627, 0.2831, 0.2547**, and if you desaturate by 10%, it is **75.7672, 0.3061, 0.3113**.

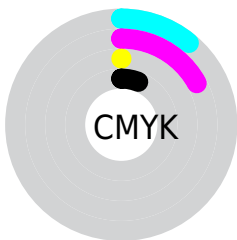
Distribution



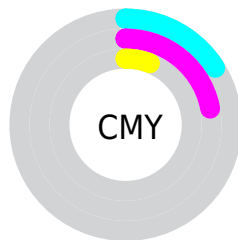
- Red (84%)
- Green (78%)
- Blue (94%)



- Red (84%)
- Yellow (78%)
- Blue (94%)



- Cyan (11%)
- Magenta (17%)
- Yellow (0%)
- Black (6%)



- Cyan (16%)
- Magenta (22%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.4343, 0.2954, 0.2841 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 61.4343, 0.2954, 0.2841 by changing the saturation by 10% instead.

61.4343, 0.2954,
0.2841

61.4343, 0.2954,
0.2841

429.8646, 0.3038,
0.3049

44.5758, 0.2934,
0.2794

106.9075, 0.2984,
0.2913

31.1234, 0.2908,
0.2735

136.2910, 0.2995,
0.2941

20.6928, 0.2876,
0.2661

170.6182, 0.3005,
0.2965

12.8997, 0.2831,
0.2565

210.2736, 0.3014,
0.2986

7.3595, 0.2769,
0.2435

255.6415, 0.3021,
0.3005

3.6879, 0.2674,
0.2249

307.1064, 0.3027,

1.5006, 0.2518,

0.3021

0.1965

365.0526, 0.3033,
0.3036

0.2891, 0.2250,
0.1102

0.0000, 0.0000,
0.0000

61.4343, 0.2954,
0.2841

61.4343, 0.2954,
0.2841

49.0627, 0.2831,
0.2547

75.7672, 0.3061,
0.3113

38.5575, 0.2693,
0.2236

92.1353, 0.3152,
0.3359

29.8270, 0.2542,
0.1919

99.0714, 0.3214,
0.3434

22.7690, 0.2382,
0.1609

■ 17.2702, 0.2220,
0.1324

■ 13.2026, 0.2064,
0.1082

■ 10.4170, 0.1924,
0.0898

■ 8.7226, 0.1806,
0.0779

■ 8.3476, 0.1775,
0.0752

Harmonies

Analogous

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



61.4343, 0.2723, 0.2824



61.4343, 0.2954, 0.2841



61.4343, 0.3242, 0.2964

Triad

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



61.4343, 0.2954, 0.2841



61.4343, 0.3680, 0.3626



61.4343, 0.2753, 0.3405

Complementary

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



61.4343, 0.2954, 0.2841



82.4588, 0.3280, 0.3729

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.



61.4343, 0.2996, 0.3652



61.4343, 0.2954, 0.2841



61.4343, 0.3535, 0.3773

Square

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



61.4343, 0.2954, 0.2841



61.4343, 0.3672, 0.3404



61.4343, 0.3282, 0.3788



61.4343, 0.2611, 0.3136

Rectangle

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



61.4343, 0.2954, 0.2841



61.4343, 0.3427, 0.3092



61.4343, 0.3282, 0.3788



61.4343, 0.2825, 0.3495

Sweetspot

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



61.4369, 0.2954, 0.2841



90.6300, 0.3081, 0.3166



72.6408, 0.2862, 0.3131



19.1269, 0.3074, 0.3148



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.



61.4369, 0.2954, 0.2841



66.0333, 0.2919, 0.2755



64.6118, 0.3101, 0.2861



15.5096, 0.3037, 0.3050



4.6383, 0.1791, 0.0760



0.4403, 0.1936, 0.0840

Inverse Universe

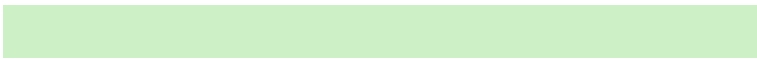
The Inverse Universe completely reimagines the original color for something new.



64.8166, 0.3256, 0.3017



70.5240, 0.3283, 0.2967



79.4474, 0.3146, 0.3748



15.9278, 0.3194, 0.3141



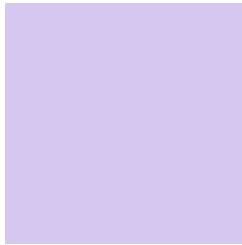
11.4153, 0.4398, 0.2197



0.9687, 0.4200, 0.2087

Previews

White Background



This preview shows how the Yxy color 61.4343, 0.2954, 0.2841 looks on a white background.

Color Contrast Check

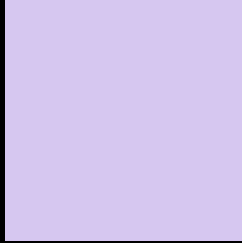
Large Text (above 18pt) WCAG AA × Fail

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 61.4343, 0.2954, 0.2841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

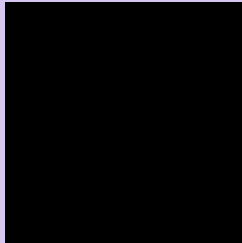
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.4343, 0.2954, 0.2841

Background



This preview shows how black text looks on a background with the Yxy color 61.4343, 0.2954, 0.2841.



This preview shows how white text looks on a background with the Yxy color 61.4343, 0.2954, 0.2841.

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

61.4343, 0.2954, 0.2841

Protanopia

61.6626, 0.2824, 0.2852

Deuteranopia

61.6199, 0.2919, 0.2859



Tritanopia

61.5280, 0.3068, 0.3108

Trichromacy



Original Color

61.4343, 0.2954, 0.2841

Protanomaly

61.4892, 0.2871, 0.2845

Deuteranomaly

61.4487, 0.2933, 0.2849

Tritanomaly

61.6360, 0.3020, 0.3010

Monochromacy



Original Color

61.4343, 0.2954, 0.2841

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.5316, 0.3060, 0.3120

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4343, 0.2954, 0.2841 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, 199, 240)` looks like.

```
.text, #text, p{  
    color:rgb(214, 199, 240)  
}
```

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, 199, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 199, 240) }
```

Border

The CSS property to change the border of an element to Yxy 61.4343, 0.2954, 0.2841 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, 199, 240) }
```

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

```
.border{ border-color:rgb(214, 199, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 199, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 199, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 199, 240);  
box-shadow:4px 4px 4px 4px rgb(214, 199,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4343, 0.2954, 0.2841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 199, 240) }
```

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

```
.background{ background-color: rgb(214,  
199, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor