

Converting Colors

Yxy(52.4692, 0.2942, 0.2623)

Have a look what the booklet for
Yxy(52.4692, 0.2942, 0.2623)
contains.

Yxy(52.4692, 0.2942, 0.2623)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.4692, 0.2942, 0.2623)

Conversions

Conversions Part 1

Format	Color
Hex	D4B3EF
RGB	212, 179, 239
RGB Percent	83%, 70%, 94%
CMY	0.1687, 0.2980, 0.0626
CMYK	0.11, 0.25, 0.00, 0.06
HSL	273°, 65%, 82%
HSV	273°, 25%, 94%
XYZ	58.8503, 52.4692, 88.7156
YIQ	195.7070, 0.4080, 25.6560

Conversions

Conversions Part 2

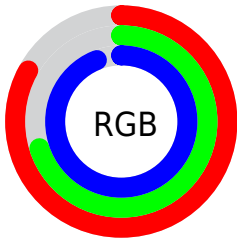
Format	Color
R _Y B	212, 179, 239
Decimal	13939695
CIE _{Lab}	77.56, 22.88, -25.49
CIE _{LCh}	78, 34.253, 311.916
Yxy	52.4692, 0.2942, 0.2623
Android (android.graphics.Color)	4292129775 (0xFFD4B3EF)
YUV	195.7070, 21.3434, 14.2890
Hunter-Lab	72.4356, 18.2600, -21.9105

Details

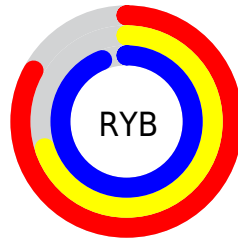
The Yxy color **52.4692, 0.2942, 0.2623** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **78.1419, 0.3274, 0.3967**, and the grayscale version is **54.8876, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **25.5087, 0.2888, 0.2463** is the 20% darker color. If you saturate the color by 10%, you get **42.1571, 0.2848, 0.2332**, and if you desaturate by 10%, it is **64.5533, 0.3025, 0.2902**.

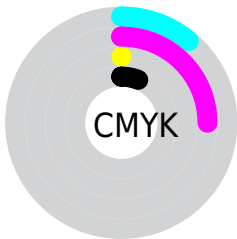
Distribution



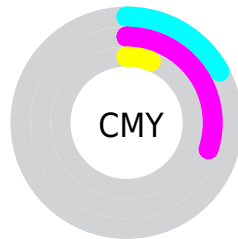
- Red (83%)
- Green (70%)
- Blue (94%)



- Red (83%)
- Yellow (70%)
- Blue (94%)



- Cyan (11%)
- Magenta (25%)
- Yellow (0%)
- Black (6%)





- Cyan (17%)
- Magenta (30%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.4692, 0.2942, 0.2623 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 52.4692, 0.2942, 0.2623 by changing the saturation by 10% instead.


 52.4692, 0.2942,
0.2623

 52.4692, 0.2942,
0.2623


396.2453, 0.3037,
0.2933

 37.3792, 0.2918,
0.2552


 93.8228, 0.2977,
0.2731

 25.5012, 0.2887,
0.2465


120.8553, 0.2990,
0.2773

 16.4509, 0.2846,
0.2354


152.6373, 0.3001,
0.2809

 9.8438, 0.2790,
0.2210

189.5533, 0.3010,
0.2840

 5.2955, 0.2707,
0.2017

231.9878, 0.3018,
0.2868

 2.4217, 0.2576,
0.1745

280.3250, 0.3025,

 0.8370, 0.2350,

0.2892

0.1342

334.9494, 0.3032,
0.2914

0.0000, 0.1597,
0.0000

0.0000, 0.0000,
0.0000

52.4692, 0.2942,
0.2623

52.4692, 0.2942,
0.2623

42.1571, 0.2848,
0.2332

64.5533, 0.3025,
0.2902

33.5228, 0.2742,
0.2039

78.4845, 0.3095,
0.3164

26.4729, 0.2627,
0.1755

94.3412, 0.3155,
0.3405

20.9021, 0.2506,
0.1495

99.0142, 0.3220,
0.3444

■ 16.6917, 0.2384,
0.1272

■ 13.7039, 0.2266,
0.1098

■ 11.7696, 0.2157,
0.0978

■ 11.0819, 0.2107,
0.0935

Harmonies

Analogous

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



52.4692, 0.2555, 0.2551



52.4692, 0.2942, 0.2623



52.4692, 0.3410, 0.2842

Triad

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



52.4692, 0.2942, 0.2623



52.4692, 0.3981, 0.3874



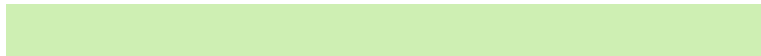
52.4692, 0.2466, 0.3366

Complementary

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



52.4692, 0.2942, 0.2623



78.1419, 0.3274, 0.3967

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.



52.4692, 0.2812, 0.3808



52.4692, 0.2942, 0.2623



52.4692, 0.3690, 0.4094

Square

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



52.4692, 0.2942, 0.2623



52.4692, 0.4036, 0.3533



52.4692, 0.3259, 0.4086



52.4692, 0.2297, 0.2939

Rectangle

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



52.4692, 0.2942, 0.2623



52.4692, 0.3701, 0.3049



52.4692, 0.3259, 0.4086



52.4692, 0.2564, 0.3520

Sweetspot

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



52.4714, 0.2942, 0.2623



85.9652, 0.3076, 0.3090



60.4553, 0.2725, 0.2916



17.8694, 0.3065, 0.3050



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.



52.4714, 0.2942, 0.2623



54.5561, 0.2896, 0.2479



56.7175, 0.3172, 0.2684



15.6566, 0.3066, 0.3052



6.2010, 0.2123, 0.0943



0.5749, 0.2258, 0.1018

Inverse Universe

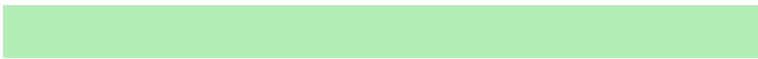
The Inverse Universe completely reimagines the original color for something new.



55.0605, 0.3423, 0.2997



58.1035, 0.3501, 0.2936



74.6764, 0.3082, 0.3981



15.8773, 0.3222, 0.3184



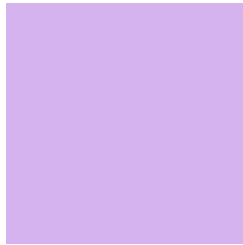
10.7620, 0.5166, 0.2620



0.9151, 0.4844, 0.2442

Previews

White Background



This preview shows how the Yxy color 52.4692, 0.2942, 0.2623 looks on a white background.

Color Contrast Check

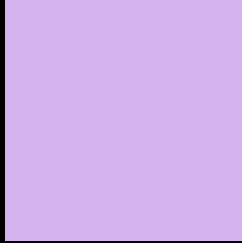
Large Text (above 18pt) WCAG AA × Fail

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 52.4692, 0.2942, 0.2623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

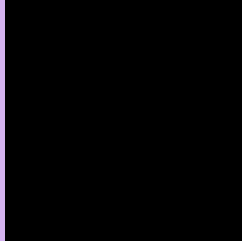
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.4692, 0.2942, 0.2623

Background



This preview shows how black text looks on a background with the Yxy color 52.4692, 0.2942, 0.2623.

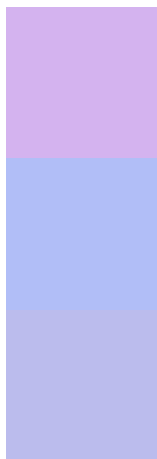


This preview shows how white text looks on a background with the Yxy color 52.4692, 0.2942, 0.2623.

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

52.4692, 0.2942, 0.2623

Protanopia

52.8894, 0.2645, 0.2623

Deuteranopia

52.6457, 0.2773, 0.2716



Tritanopia

52.4567, 0.3177, 0.3112

Trichromacy



Original Color

52.4692, 0.2942, 0.2623

Protanomaly

52.5966, 0.2749, 0.2623

Deuteranomaly

52.6067, 0.2830, 0.2680

Tritanomaly

52.1832, 0.3087, 0.2918

Monochromacy



Original Color

52.4692, 0.2942, 0.2623

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.1369, 0.3059, 0.3030

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4692, 0.2942, 0.2623 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(212, 179, 239)` looks like.

```
.text, #text, p{  
    color:rgb(212, 179, 239)  
}
```

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(212, 179, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 179, 239) }
```

Border

The CSS property to change the border of an element to Yxy 52.4692, 0.2942, 0.2623 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(212, 179, 239) }
```

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

```
.border{ border-color:rgb(212, 179, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 179, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 179, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 179, 239);  
box-shadow:4px 4px 4px 4px rgb(212, 179,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4692, 0.2942, 0.2623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 179, 239) }
```

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

```
.background{ background-color: rgb(212,  
179, 239) }
```

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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