

Converting Colors

Yxy(54.0469, 0.2923, 0.2655)

Have a look what the booklet for
Yxy(54.0469, 0.2923, 0.2655)
contains.

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Color

Yxy(54.0071, 0.2929, 0.2657)

Conversions

Conversions Part 1

Format	Color
Hex	D3B7F0
RGB	211, 183, 240
RGB Percent	83%, 72%, 94%
CMY	0.1723, 0.2824, 0.0588
CMYK	0.12, 0.24, 0.00, 0.06
HSL	270°, 66%, 83%
HSV	270°, 24%, 94%
XYZ	59.5359, 54.0071, 89.7205
YIQ	197.8700, -1.6090, 23.6630

Conversions

Conversions Part 2

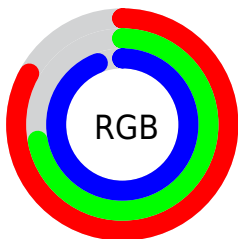
Format	Color
R _{YB}	211, 183, 240
Decimal	13875184
CIE Lab	78.47, 20.63, -24.63
CIE LCh	78, 32.128, 309.947
Yxy	54.0071, 0.2929, 0.2657
Android (android.graphics.Color)	4292065264 (0xFFD3B7F0)
YUV	197.8700, 20.7701, 11.5150
Hunter-Lab	73.4895, 16.0011, -20.9422

Details

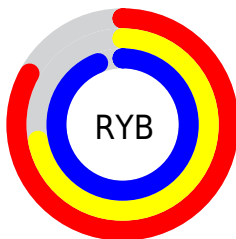
The Yxy color $54.0071, 0.2929, 0.2657$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $79.7226, 0.3289, 0.3923$, and the grayscale version is $56.2654, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.2130, 0.3134, 0.3136$, and $26.4939, 0.2871, 0.2507$ is the 20% darker color. If you saturate the color by 10%, you get $43.2072, 0.2823, 0.2362$, and if you desaturate by 10%, it is $66.6359, 0.3021, 0.2937$.

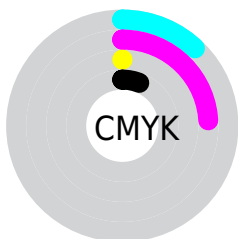
Distribution



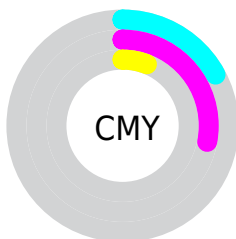
- Red (83%)
- Green (72%)
- Blue (94%)



- Red (83%)
- Yellow (72%)
- Blue (94%)



- Cyan (12%)
- Magenta (24%)
- Yellow (0%)
- Black (6%)




- Cyan (17%)
- Magenta (28%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.0071, 0.2929, 0.2657 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 54.0071, 0.2929, 0.2657 by changing the saturation by 10% instead.


 54.0071, 0.2929,
0.2657

 54.0071, 0.2929,
0.2657


402.1371, 0.3029,
0.2951

 38.6073, 0.2904,
0.2590


 96.0847, 0.2965,
0.2759

 26.4544, 0.2872,
0.2507


123.5313, 0.2979,
0.2799

 17.1639, 0.2830,
0.2402


155.7623, 0.2991,
0.2833

 10.3514, 0.2773,
0.2266

193.1621, 0.3001,
0.2863

 5.6326, 0.2689,
0.2082

236.1150, 0.3009,
0.2889

 2.6230, 0.2559,
0.1823

285.0056, 0.3017,

 0.9382, 0.2337,

0.2912

0.1439

340.2182, 0.3023,
0.2933

0.0000, 0.1711,
0.0000

0.0000, 0.0000,
0.0000

54.0071, 0.2929,
0.2657

54.0071, 0.2929,
0.2657

43.2072, 0.2823,
0.2362

66.6359, 0.3021,
0.2937

34.1406, 0.2706,
0.2062

81.1691, 0.3101,
0.3198

26.7136, 0.2577,
0.1766

97.6864, 0.3168,
0.3436

20.8201, 0.2443,
0.1492

99.0710, 0.3214,
0.3434

■ 16.3414, 0.2308,
0.1253

■ 13.1402, 0.2178,
0.1063

■ 11.0501, 0.2060,
0.0930

■ 10.1533, 0.1992,
0.0871

Harmonies

Analogous

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



54.0071, 0.2575, 0.2601



54.0071, 0.2929, 0.2657



54.0071, 0.3363, 0.2855

Triad

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



54.0071, 0.2929, 0.2657



54.0071, 0.3932, 0.3819



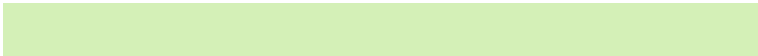
54.0071, 0.2528, 0.3390

Complementary

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



54.0071, 0.2929, 0.2657



79.7226, 0.3289, 0.3923

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.



54.0071, 0.2861, 0.3792



54.0071, 0.2929, 0.2657



54.0071, 0.3676, 0.4030

Square

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



54.0071, 0.2929, 0.2657



54.0071, 0.3965, 0.3498



54.0071, 0.3280, 0.4034



54.0071, 0.2356, 0.2989

Rectangle

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



54.0071, 0.2929, 0.2657



54.0071, 0.3636, 0.3046



54.0071, 0.3280, 0.4034



54.0071, 0.2624, 0.3532

Sweetspot

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



54.0094, 0.2929, 0.2657



87.4569, 0.3076, 0.3115



63.6647, 0.2750, 0.2972



18.4991, 0.3071, 0.3099



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.



54.0094, 0.2929, 0.2657



55.1099, 0.2874, 0.2501



58.5113, 0.3147, 0.2697



15.6108, 0.3057, 0.3051



5.6372, 0.2009, 0.0880



0.5280, 0.2152, 0.0959

Inverse Universe

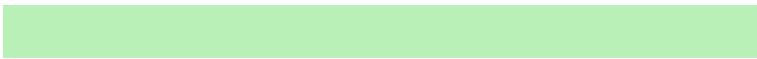
The Inverse Universe completely reimagines the original color for something new.



57.1360, 0.3377, 0.2980



59.4212, 0.3449, 0.2907



75.9186, 0.3102, 0.3961



15.8928, 0.3214, 0.3171



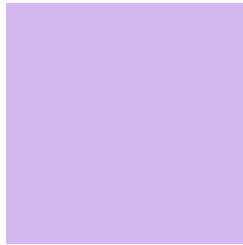
10.9351, 0.4926, 0.2487



0.9298, 0.4638, 0.2329

Previews

White Background



This preview shows how the Yxy color 54.0071, 0.2929, 0.2657 looks on a white background.

Color Contrast Check

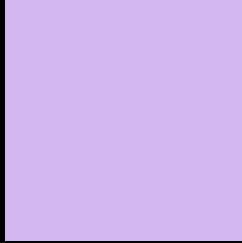
Large Text (above 18pt) WCAG AA × Fail

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 54.0071, 0.2929, 0.2657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

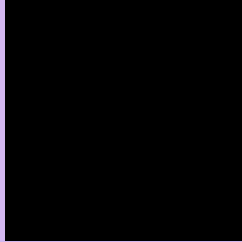
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0071, 0.2929, 0.2657

Background



This preview shows how black text looks on a background with the Yxy color 54.0071, 0.2929, 0.2657.



This preview shows how white text looks on a background with the Yxy color 54.0071, 0.2929, 0.2657.

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

54.0071, 0.2929, 0.2657

Protanopia

54.1769, 0.2680, 0.2662

Deuteranopia

54.1353, 0.2791, 0.2723



Tritanopia

53.7340, 0.3144, 0.3112

Trichromacy



Original Color

54.0071, 0.2929, 0.2657

Protanomaly

54.1333, 0.2765, 0.2661

Deuteranomaly

53.7784, 0.2839, 0.2696

Tritanomaly

53.8158, 0.3063, 0.2942

Monochromacy



Original Color

54.0071, 0.2929, 0.2657

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.6405, 0.3059, 0.3055

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0071, 0.2929, 0.2657 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(211, 183, 240)` looks like.

```
.text, #text, p{  
    color:rgb(211, 183, 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(211, 183, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 183, 240) }
```

Border

The CSS property to change the border of an element to Yxy 54.0071, 0.2929, 0.2657 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(211, 183, 240) }
```

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

```
.border{ border-color:rgb(211, 183, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 183, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 183, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 183, 240);  
box-shadow:4px 4px 4px 4px rgb(211, 183,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0071, 0.2929, 0.2657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 183, 240) }
```

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

```
.background{ background-color: rgb(211,  
183, 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](#).

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