

Converting Colors

$Y_{xy}(54.2216, 0.3010, 0.2785)$

Have a look what the booklet for
Yxy(54.2216, 0.3010, 0.2785)
contains.

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Color

Yxy(54.3521, 0.3015, 0.2794)

Conversions

Conversions Part 1

Format	Color
Hex	D4B9E5
RGB	212, 185, 229
RGB Percent	83%, 73%, 90%
CMY	0.1685, 0.2745, 0.1020
CMYK	0.07, 0.19, 0.00, 0.10
HSL	277°, 46%, 81%
HSV	277°, 19%, 90%
XYZ	58.6512, 54.3521, 81.5282
YIQ	198.0890, 1.9680, 19.4080

Conversions

Conversions Part 2

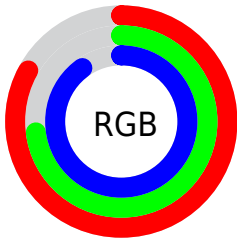
Format	Color
R _Y B	212, 185, 229
Decimal	13941221
CIE Lab	78.67, 17.63, -18.39
CIE LCh	79, 25.482, 313.791
Yxy	54.3521, 0.3015, 0.2794
Android (android.graphics.Color)	4292131301 (0xFFD4B9E5)
YUV	198.0890, 15.2391, 12.1999
Hunter-Lab	73.7239, 12.9894, -13.9596

Details

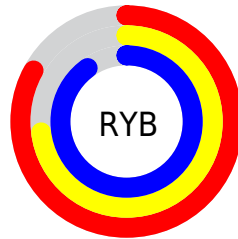
The Yxy color $54.3521, 0.3015, 0.2794$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $72.0913, 0.3220, 0.3798$, and the grayscale version is $56.4372, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.3906, 0.3133, 0.3156$, and $26.6878, 0.2985, 0.2682$ is the 20% darker color. If you saturate the color by 10%, you get $44.2566, 0.2942, 0.2515$, and if you desaturate by 10%, it is $66.0670, 0.3078, 0.3060$.

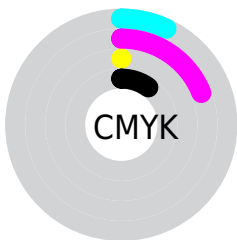
Distribution



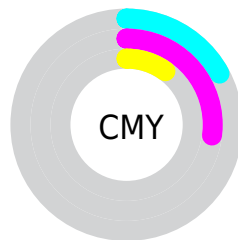
- Red (83%)
- Green (73%)
- Blue (90%)



- Red (83%)
- Yellow (73%)
- Blue (90%)



- Cyan (7%)
- Magenta (19%)
- Yellow (0%)
- Black (10%)





- Cyan (17%)
- Magenta (27%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3521, 0.3015, 0.2794 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 54.3521, 0.3015, 0.2794 by changing the saturation by 10% instead.


 54.3521, 0.3015,
0.2794

 54.3521, 0.3015,
0.2794


403.4513, 0.3072,
0.3027

 38.8832, 0.3000,
0.2740


 96.5910, 0.3036,
0.2875

 26.6689, 0.2982,
0.2673


124.1299, 0.3044,
0.2907

 17.3247, 0.2957,
0.2588


156.4609, 0.3051,
0.2934

 10.4663, 0.2922,
0.2476

193.9683, 0.3056,
0.2957

 5.7092, 0.2871,
0.2322

237.0367, 0.3061,
0.2978

 2.6691, 0.2788,
0.2099

286.0504, 0.3065,

 0.9615, 0.2639,

0.2996

0.1752

341.3938, 0.3069,
0.3012

0.0000, 0.2037,
0.0000

0.0000, 0.0000,
0.0000

54.3521, 0.3015,
0.2794

54.3521, 0.3015,
0.2794

44.2566, 0.2942,
0.2515

66.0670, 0.3078,
0.3060

35.6986, 0.2858,
0.2230

79.4642, 0.3131,
0.3309

28.5996, 0.2766,
0.1950

94.6118, 0.3175,
0.3538

22.8710, 0.2666,
0.1686

97.0136, 0.3230,
0.3546

■ 18.4143, 0.2561,
0.1451

■ 98.4372, 0.3280,
0.3542

■ 15.1175, 0.2456,
0.1259

■ 12.8481, 0.2355,
0.1116

■ 11.3970, 0.2260,
0.1021

■ 11.2976, 0.2252,
0.1014

Harmonies

Analogous

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



54.3521, 0.2717, 0.2735



54.3521, 0.3015, 0.2794



54.3521, 0.3359, 0.2968

Triad

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



54.3521, 0.3015, 0.2794



54.3521, 0.3749, 0.3745



54.3521, 0.2624, 0.3330

Complementary

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



54.3521, 0.3015, 0.2794



72.0913, 0.3220, 0.3798

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.



54.3521, 0.2879, 0.3647



54.3521, 0.3015, 0.2794



54.3521, 0.3531, 0.3886

Square

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



54.3521, 0.3015, 0.2794



54.3521, 0.3797, 0.3499



54.3521, 0.3210, 0.3856



54.3521, 0.2501, 0.3022

Rectangle

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



54.3521, 0.3015, 0.2794



54.3521, 0.3566, 0.3130



54.3521, 0.3210, 0.3856



54.3521, 0.2696, 0.3441

Sweetspot

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



54.3544, 0.3015, 0.2794



89.5224, 0.3096, 0.3141



58.4912, 0.2821, 0.2978



18.9277, 0.3092, 0.3125



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.



54.3544, 0.3015, 0.2794



64.0802, 0.2988, 0.2686



56.7668, 0.3183, 0.2859



14.3234, 0.3076, 0.3054



6.5307, 0.2266, 0.1022



0.5357, 0.2403, 0.1097

Inverse Universe

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



55.6144, 0.3363, 0.3101



66.0100, 0.3423, 0.3060



70.0434, 0.3075, 0.3762



14.4595, 0.3232, 0.3200



9.9513, 0.5431, 0.2766



0.7531, 0.5038, 0.2549

Previews

White Background



This preview shows how the Yxy color 54.3521, 0.3015, 0.2794 looks on a white background.

Color Contrast Check

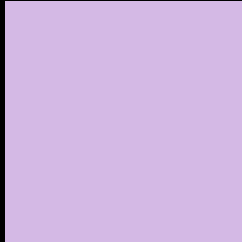
Large Text (above 18pt) WCAG AA × Fail

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 54.3521, 0.3015, 0.2794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

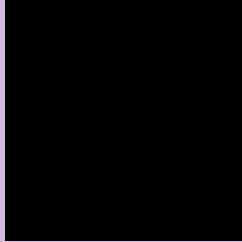
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.3521, 0.3015, 0.2794

Background



This preview shows how black text looks on a background with the Yxy color 54.3521, 0.3015, 0.2794.



This preview shows how white text looks on a background with the Yxy color 54.3521, 0.3015, 0.2794.

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

54.3521, 0.3015, 0.2794

Protanopia

54.5195, 0.2789, 0.2807

Deuteranopia

54.4341, 0.2915, 0.2848



Tritanopia

54.1647, 0.3168, 0.3114

Trichromacy



Original Color

54.3521, 0.3015, 0.2794

Protanomaly

54.2552, 0.2865, 0.2802

Deuteranomaly

54.2644, 0.2952, 0.2830

Tritanomaly

54.3258, 0.3108, 0.3000

Monochromacy



Original Color

54.3521, 0.3015, 0.2794

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.4399, 0.3088, 0.3101

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3521, 0.3015, 0.2794 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, 185, 229)` looks like.

```
.text, #text, p{  
    color:rgb(212, 185, 229)  
}
```

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, 185, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 185, 229) }
```

Border

The CSS property to change the border of an element to Yxy 54.3521, 0.3015, 0.2794 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, 185, 229) }
```

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

```
.border{ border-color:rgb(212, 185, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 185, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 185, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 185, 229);  
box-shadow:4px 4px 4px 4px rgb(212, 185,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3521, 0.3015, 0.2794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 185, 229) }
```

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

```
.background{ background-color: rgb(212,  
185, 229) }
```

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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