

Converting Colors

$Y_{xy}(54.0375, 0.2925, 0.2745)$

Have a look what the booklet for
Yxy(54.0375, 0.2925, 0.2745)
contains.

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Color

Yxy(54.0375, 0.2925, 0.2745)

Conversions

Conversions Part 1

Format	Color
Hex	CDBAEA
RGB	205, 186, 234
RGB Percent	80%, 73%, 92%
CMY	0.1962, 0.2705, 0.0823
CMYK	0.12, 0.21, 0.00, 0.08
HSL	264°, 53%, 82%
HSV	264°, 21%, 92%
XYZ	57.5809, 54.0375, 85.2395
YIQ	197.1530, -4.0840, 18.9560

Conversions

Conversions Part 2

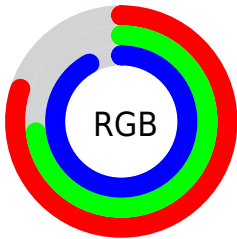
Format	Color
R _Y B	205, 186, 234
Decimal	13482730
CIE Lab	78.48, 15.82, -21.42
CIE LCh	78, 26.631, 306.438
Yxy	54.0375, 0.2925, 0.2745
Android (android.graphics.Color)	4291672810 (0xFFCDBAEA)
YUV	197.1530, 18.1656, 6.8818
Hunter-Lab	73.5102, 11.1772, -17.2932

Details

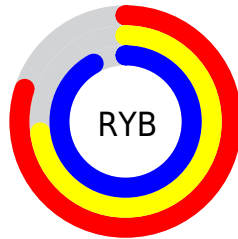
The Yxy color **54.0375, 0.2925, 0.2745** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.8481, 0.3300, 0.3824**, and the grayscale version is **55.8216, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **26.4734, 0.2866, 0.2617** is the 20% darker color. If you saturate the color by 10%, you get **43.0506, 0.2803, 0.2447**, and if you desaturate by 10%, it is **66.8256, 0.3031, 0.3023**.

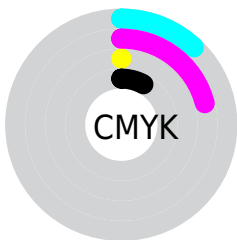
Distribution



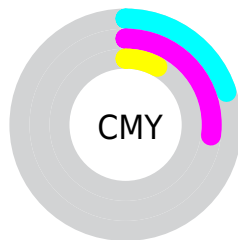
- Red (80%)
- Green (73%)
- Blue (92%)



- Red (80%)
- Yellow (73%)
- Blue (92%)



- Cyan (12%)
- Magenta (21%)
- Yellow (0%)
- Black (8%)




- Cyan (20%)
- Magenta (27%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0375, 0.2925, 0.2745 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 54.0375, 0.2925, 0.2745 by changing the saturation by 10% instead.

 54.0375, 0.2925,
0.2745

 54.0375, 0.2925,
0.2745


402.2530, 0.3026,
0.3001

 38.6316, 0.2900,
0.2686


 96.1293, 0.2961,
0.2834

 26.4733, 0.2868,
0.2612


123.5840, 0.2975,
0.2869

 17.1780, 0.2827,
0.2519


155.8239, 0.2987,
0.2899

 10.3615, 0.2770,
0.2397

193.2332, 0.2997,
0.2925

 5.6393, 0.2688,
0.2229

236.1963, 0.3006,
0.2947

 2.6270, 0.2560,
0.1989

285.0978, 0.3013,

 0.9403, 0.2340,

0.2967

0.1619

340.3218, 0.3020,
0.2985

0.0000, 0.1429,
0.0000

0.0000, 0.0000,
0.0000

54.0375, 0.2925,
0.2745

54.0375, 0.2925,
0.2745

43.0506, 0.2803,
0.2447

66.8256, 0.3031,
0.3023

33.7748, 0.2667,
0.2136

81.4859, 0.3123,
0.3278

26.1224, 0.2520,
0.1824

97.3154, 0.3202,
0.3496

19.9947, 0.2365,
0.1526

98.7207, 0.3250,
0.3493

■ 15.2821, 0.2209,
0.1258

■ 11.8596, 0.2061,
0.1037

■ 9.5789, 0.1929,
0.0877

■ 8.2384, 0.1822,
0.0777

Harmonies

Analogous

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



54.0375, 0.2639, 0.2716



54.0375, 0.2925, 0.2745



54.0375, 0.3282, 0.2900

Triad

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



54.0375, 0.2925, 0.2745



54.0375, 0.3809, 0.3709



54.0375, 0.2655, 0.3417

Complementary

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



54.0375, 0.2925, 0.2745



76.8481, 0.3300, 0.3824

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.



54.0375, 0.2948, 0.3733



54.0375, 0.2925, 0.2745



54.0375, 0.3618, 0.3892

Square

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



54.0375, 0.2925, 0.2745



54.0375, 0.3809, 0.3436



54.0375, 0.3300, 0.3910



54.0375, 0.2490, 0.3081

Rectangle

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



54.0375, 0.2925, 0.2745



54.0375, 0.3512, 0.3057



54.0375, 0.3300, 0.3910



54.0375, 0.2741, 0.3531

Sweetspot

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



54.0398, 0.2925, 0.2745



88.9102, 0.3074, 0.3140



65.2929, 0.2807, 0.3077



18.7830, 0.3068, 0.3123



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.



54.0398, 0.2925, 0.2745



59.2555, 0.2871, 0.2610



57.6251, 0.3107, 0.2774



14.8391, 0.3042, 0.3051



4.6974, 0.1838, 0.0786



0.4232, 0.1993, 0.0871

Inverse Universe

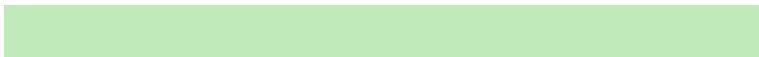
The Inverse Universe completely reimagines the original color for something new.



57.5259, 0.3298, 0.2975



64.3337, 0.3345, 0.2901



73.5498, 0.3138, 0.3851



15.2071, 0.3198, 0.3148



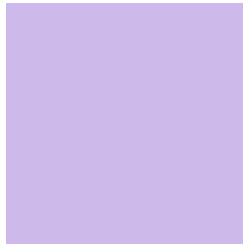
10.9455, 0.4518, 0.2262



0.8783, 0.4287, 0.2135

Previews

White Background



This preview shows how the Yxy color 54.0375, 0.2925, 0.2745 looks on a white background.

Color Contrast Check

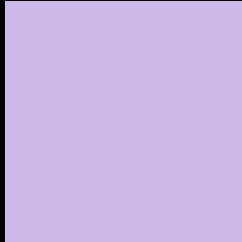
Large Text (above 18pt) WCAG AA × Fail

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 54.0375, 0.2925, 0.2745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

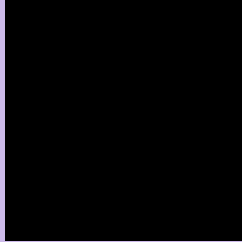
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0375, 0.2925, 0.2745

Background



This preview shows how black text looks on a background with the Yxy color 54.0375, 0.2925, 0.2745.



This preview shows how white text looks on a background with the Yxy color 54.0375, 0.2925, 0.2745.

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

54.0375, 0.2925, 0.2745

Protanopia

54.0627, 0.2749, 0.2750

Deuteranopia

54.1794, 0.2851, 0.2790



Tritanopia

53.9972, 0.3087, 0.3111

Trichromacy



Original Color

54.0375, 0.2925, 0.2745

Protanomaly

54.1478, 0.2811, 0.2745

Deuteranomaly

54.2842, 0.2880, 0.2783

Tritanomaly

53.9096, 0.3030, 0.2973

Monochromacy



Original Color

54.0375, 0.2925, 0.2745

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.0724, 0.3057, 0.3088

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0375, 0.2925, 0.2745 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(205, 186, 234)` looks like.

```
.text, #text, p{  
    color:rgb(205, 186, 234)  
}
```

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(205, 186, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 186, 234) }
```

Border

The CSS property to change the border of an element to Yxy 54.0375, 0.2925, 0.2745 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(205, 186, 234) }
```

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

```
.border{ border-color:rgb(205, 186, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 186, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 186, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 186, 234);  
box-shadow:4px 4px 4px 4px rgb(205, 186,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0375, 0.2925, 0.2745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 186, 234) }
```

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

```
.background{ background-color: rgb(205,  
186, 234) }
```

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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