

Converting Colors

$Y_{xy}(53.2485, 0.2945, 0.2774)$

Have a look what the booklet for
Yxy(53.2485, 0.2945, 0.2774)
contains.

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Color

Yxy(53.2485, 0.2945, 0.2774)

Conversions

Conversions Part 1

Format	Color
Hex	CCB9E6
RGB	204, 185, 230
RGB Percent	80%, 73%, 90%
CMY	0.2001, 0.2745, 0.0980
CMYK	0.11, 0.20, 0.00, 0.10
HSL	265°, 47%, 81%
HSV	265°, 20%, 90%
XYZ	56.5309, 53.2485, 82.1762
YIQ	195.8110, -3.1210, 18.0230

Conversions

Conversions Part 2

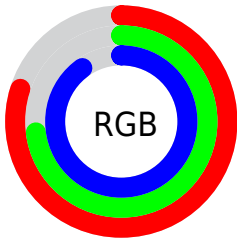
Format	Color
R _Y B	204, 185, 230
Decimal	13416934
CIE Lab	78.02, 15.22, -19.99
CIE LCh	78, 25.123, 307.293
Yxy	53.2485, 0.2945, 0.2774
Android (android.graphics.Color)	4291607014 (0xFFCCB9E6)
YUV	195.8110, 16.8552, 7.1818
Hunter-Lab	72.9716, 10.5834, -15.6888

Details

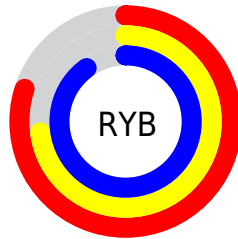
The Yxy color **53.2485, 0.2945, 0.2774** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.9656, 0.3284, 0.3799**, and the grayscale version is **54.9816, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **26.0426, 0.2903, 0.2655** is the 20% darker color. If you saturate the color by 10%, you get **42.5912, 0.2830, 0.2480**, and if you desaturate by 10%, it is **65.6278, 0.3045, 0.3049**.

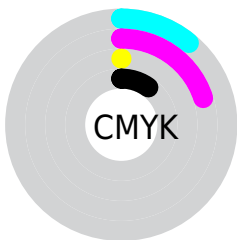
Distribution



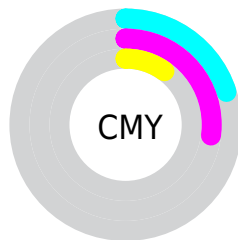
- Red (80%)
- Green (73%)
- Blue (90%)



- Red (80%)
- Yellow (73%)
- Blue (90%)



- Cyan (11%)
- Magenta (20%)
- Yellow (0%)
- Black (10%)





- Cyan (20%)
- Magenta (27%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.2485, 0.2945, 0.2774 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 53.2485, 0.2945, 0.2774 by changing the saturation by 10% instead.


 53.2485, 0.2945,
0.2774

 53.2485, 0.2945,
0.2774


399.2378, 0.3036,
0.3017

 38.0012, 0.2922,
0.2717


 94.9699, 0.2978,
0.2859

 25.9836, 0.2894,
0.2647


122.2128, 0.2991,
0.2892

 16.8114, 0.2855,
0.2557

154.2231, 0.3001,
0.2920

 10.1001, 0.2803,
0.2439

191.3850, 0.3010,
0.2945

 5.4654, 0.2727,
0.2276

234.0831, 0.3018,
0.2966

 2.5228, 0.2607,
0.2040

282.7016, 0.3025,

 0.8880, 0.2398,

0.2985

0.1672

337.6250, 0.3031,
0.3002

0.0000, 0.1223,
0.0000

0.0000, 0.0000,
0.0000

53.2485, 0.2945,
0.2774

53.2485, 0.2945,
0.2774

42.5912, 0.2830,
0.2480

65.6278, 0.3045,
0.3049

33.5706, 0.2702,
0.2173

79.7961, 0.3131,
0.3300

26.1038, 0.2561,
0.1865

95.8248, 0.3203,
0.3528

20.0978, 0.2413,
0.1568

98.4944, 0.3274,
0.3532

■ 15.4494, 0.2262,
0.1301

■ 12.0413, 0.2117,
0.1079

■ 9.7347, 0.1985,
0.0914

■ 8.3050, 0.1871,
0.0806

■ 8.2517, 0.1866,
0.0802

Harmonies

Analogous

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



53.2485, 0.2669, 0.2743



53.2485, 0.2945, 0.2774



53.2485, 0.3284, 0.2925

Triad

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



53.2485, 0.2945, 0.2774



53.2485, 0.3771, 0.3696



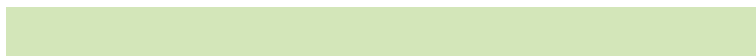
53.2485, 0.2672, 0.3401

Complementary

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



53.2485, 0.2945, 0.2774



73.9656, 0.3284, 0.3799

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.



53.2485, 0.2949, 0.3702



53.2485, 0.2945, 0.2774



53.2485, 0.3586, 0.3864

Square

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



53.2485, 0.2945, 0.2774



53.2485, 0.3776, 0.3439



53.2485, 0.3283, 0.3874



53.2485, 0.2519, 0.3085

Rectangle

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



53.2485, 0.2945, 0.2774



53.2485, 0.3501, 0.3076



53.2485, 0.3283, 0.3874



53.2485, 0.2753, 0.3509

Sweetspot

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



53.2507, 0.2945, 0.2774



88.9831, 0.3077, 0.3140



62.7511, 0.2821, 0.3071



18.8002, 0.3071, 0.3124



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.



53.2507, 0.2945, 0.2774



62.2401, 0.2906, 0.2671



56.6291, 0.3120, 0.2801



14.1824, 0.3046, 0.3052



4.7391, 0.1882, 0.0811



0.4039, 0.2046, 0.0901

Inverse Universe

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



56.2346, 0.3298, 0.3003



66.6272, 0.3336, 0.2948



70.8970, 0.3127, 0.3824



14.5071, 0.3202, 0.3155



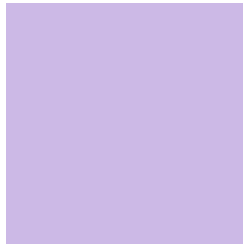
10.5092, 0.4624, 0.2321



0.7951, 0.4361, 0.2176

Previews

White Background



This preview shows how the Yxy color 53.2485, 0.2945, 0.2774 looks on a white background.

Color Contrast Check

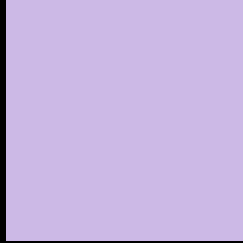
Large Text (above 18pt) WCAG AA × Fail

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 53.2485, 0.2945, 0.2774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

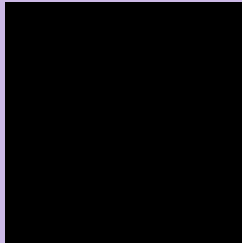
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.2485, 0.2945, 0.2774

Background



This preview shows how black text looks on a background with the Yxy color 53.2485, 0.2945, 0.2774.



This preview shows how white text looks on a background with the Yxy color 53.2485, 0.2945, 0.2774.

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

53.2485, 0.2945, 0.2774

Protanopia

53.2694, 0.2767, 0.2780

Deuteranopia

53.5217, 0.2878, 0.2821



Tritanopia

53.4659, 0.3103, 0.3122

Trichromacy



Original Color

53.2485, 0.2945, 0.2774

Protanomaly

53.3548, 0.2829, 0.2775

Deuteranomaly

53.6293, 0.2907, 0.2814

Tritanomaly

53.1880, 0.3044, 0.2994

Monochromacy



Original Color

53.2485, 0.2945, 0.2774

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.3955, 0.3064, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2485, 0.2945, 0.2774 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(204, 185, 230)` looks like.

```
.text, #text, p{  
    color:rgb(204, 185, 230)  
}
```

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(204, 185, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 185, 230) }
```

Border

The CSS property to change the border of an element to Yxy 53.2485, 0.2945, 0.2774 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(204, 185, 230) }
```

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

```
.border{ border-color:rgb(204, 185, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 185, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 185, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 185, 230);  
box-shadow:4px 4px 4px 4px rgb(204, 185,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2485, 0.2945, 0.2774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 185, 230) }
```

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

```
.background{ background-color: rgb(204,  
185, 230) }
```

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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