

Converting Colors

$Yxy(54.7407, 0.2986, 0.2783)$

Have a look what the booklet for
Yxy(54.7407, 0.2986, 0.2783)
contains.

Yxy(54.5890, 0.2985, 0.2782)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(54.5890, 0.2985, 0.2782)

Conversions

Conversions Part 1

Format	Color
Hex	D2BAE7
RGB	210, 186, 231
RGB Percent	82%, 73%, 91%
CMY	0.1763, 0.2706, 0.0941
CMYK	0.09, 0.19, 0.00, 0.09
HSL	272°, 48%, 82%
HSV	272°, 19%, 91%
XYZ	58.5723, 54.5890, 83.0608
YIQ	198.3060, -0.1410, 19.0830

Conversions

Conversions Part 2

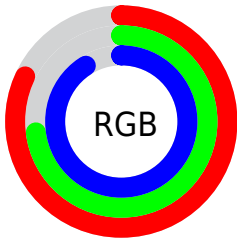
Format	Color
R _{YB}	210, 186, 231
Decimal	13810407
CIE Lab	78.80, 16.85, -19.29
CIE LCh	79, 25.613, 311.141
Yxy	54.5890, 0.2985, 0.2782
Android (android.graphics.Color)	4292000487 (0xFFD2BAE7)
YUV	198.3060, 16.1181, 10.2556
Hunter-Lab	73.8844, 12.2094, -14.9348

Details

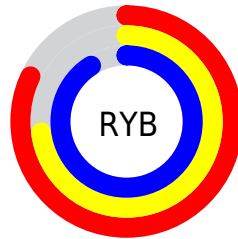
The Yxy color **54.5890, 0.2985, 0.2782** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.9632, 0.3247, 0.3802**, and the grayscale version is **56.5724, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **26.8388, 0.2945, 0.2666** is the 20% darker color. If you saturate the color by 10%, you get **44.1060, 0.2894, 0.2497**, and if you desaturate by 10%, it is **66.7562, 0.3063, 0.3052**.

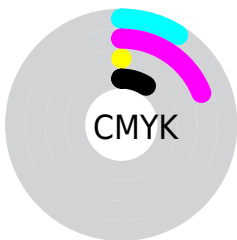
Distribution



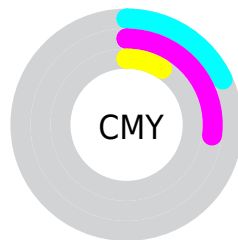
- Red (82%)
- Green (73%)
- Blue (91%)



- Red (82%)
- Yellow (73%)
- Blue (91%)



- Cyan (9%)
- Magenta (19%)
- Yellow (0%)
- Black (9%)





- Cyan (18%)
- Magenta (27%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.5890, 0.2985, 0.2782 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 54.5890, 0.2985, 0.2782 by changing the saturation by 10% instead.


 54.5890, 0.2985,
0.2782

 54.5890, 0.2985,
0.2782


404.3521, 0.3057,
0.3020

 39.0728, 0.2967,
0.2727


 96.9385, 0.3011,
0.2865

 26.8163, 0.2944,
0.2659


124.5406, 0.3021,
0.2897

 17.4353, 0.2914,
0.2572


156.9400, 0.3029,
0.2925

 10.5454, 0.2872,
0.2457

194.5213, 0.3036,
0.2949

 5.7620, 0.2810,
0.2301

237.6687, 0.3043,
0.2970

 2.7009, 0.2714,
0.2074

286.7667, 0.3048,

 0.9777, 0.2542,

0.2989

0.1724

342.1997, 0.3053,
0.3006

0.0000, 0.1890,
0.0000

0.0000, 0.0000,
0.0000

54.5890, 0.2985,
0.2782

54.5890, 0.2985,
0.2782

44.1060, 0.2894,
0.2497

66.7562, 0.3063,
0.3052

35.2228, 0.2792,
0.2202

80.6730, 0.3130,
0.3302

27.8577, 0.2678,
0.1910

96.2240, 0.3187,
0.3528

21.9192, 0.2557,
0.1632

98.1872, 0.3255,
0.3523

■ 17.3051, 0.2431,
0.1384

■ 98.5503, 0.3268,
0.3522

■ 13.8996, 0.2307,
0.1178

■ 11.5652, 0.2190,
0.1025

■ 10.0804, 0.2084,
0.0923

■ 10.0142, 0.2078,
0.0919

Harmonies

Analogous

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



54.5890, 0.2694, 0.2734



54.5890, 0.2985, 0.2782



54.5890, 0.3330, 0.2948

Triad

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



54.5890, 0.2985, 0.2782



54.5890, 0.3763, 0.3728



54.5890, 0.2640, 0.3360

Complementary

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



54.5890, 0.2985, 0.2782



73.9632, 0.3247, 0.3802

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.



54.5890, 0.2906, 0.3673



54.5890, 0.2985, 0.2782



54.5890, 0.3557, 0.3882

Square

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



54.5890, 0.2985, 0.2782



54.5890, 0.3794, 0.3476



54.5890, 0.3241, 0.3869



54.5890, 0.2504, 0.3045

Rectangle

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



54.5890, 0.2985, 0.2782



54.5890, 0.3543, 0.3106



54.5890, 0.3241, 0.3869



54.5890, 0.2716, 0.3470

Sweetspot

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



54.5913, 0.2985, 0.2782



89.2974, 0.3088, 0.3141



60.8333, 0.2819, 0.3009



18.8745, 0.3083, 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.



54.5913, 0.2985, 0.2782



63.3013, 0.2953, 0.2680



57.7895, 0.3161, 0.2822



14.2644, 0.3064, 0.3053



5.6880, 0.2094, 0.0927



0.4755, 0.2247, 0.1012

Inverse Universe

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



56.6063, 0.3338, 0.3059



66.2613, 0.3387, 0.3014



71.2062, 0.3093, 0.3807



14.4791, 0.3220, 0.3181



10.1506, 0.5099, 0.2583



0.7687, 0.4752, 0.2391

Previews

White Background



This preview shows how the Yxy color 54.5890, 0.2985, 0.2782 looks on a white background.

Color Contrast Check

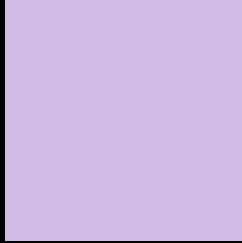
Large Text (above 18pt) WCAG AA × Fail

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 54.5890, 0.2985, 0.2782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

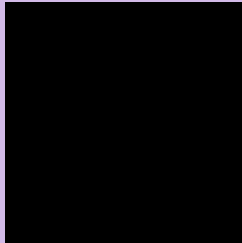
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.5890, 0.2985, 0.2782

Background



This preview shows how black text looks on a background with the Yxy color 54.5890, 0.2985, 0.2782.



This preview shows how white text looks on a background with the Yxy color 54.5890, 0.2985, 0.2782.

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

54.5890, 0.2985, 0.2782

Protanopia

54.6352, 0.2777, 0.2786

Deuteranopia

54.8451, 0.2894, 0.2838



Tritanopia

54.3565, 0.3144, 0.3113

Trichromacy



Original Color

54.5890, 0.2985, 0.2782

Protanomaly

54.3695, 0.2852, 0.2781

Deuteranomaly

54.6649, 0.2931, 0.2819

Tritanomaly

54.5156, 0.3085, 0.2999

Monochromacy



Original Color

54.5890, 0.2985, 0.2782

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.7933, 0.3073, 0.3101

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5890, 0.2985, 0.2782 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(210, 186, 231)` looks like.

```
.text, #text, p{  
    color:rgb(210, 186, 231)  
}
```

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(210, 186, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 186, 231) }
```

Border

The CSS property to change the border of an element to Yxy 54.5890, 0.2985, 0.2782 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(210, 186, 231) }
```

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

```
.border{ border-color:rgb(210, 186, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 186, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 186, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 186, 231);  
box-shadow:4px 4px 4px 4px rgb(210, 186,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5890, 0.2985, 0.2782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 186, 231) }
```

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

```
.background{ background-color: rgb(210,  
186, 231) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor