

Converting Colors

$Yxy(54.3867, 0.3091, 0.2980)$

Have a look what the booklet for
Yxy(54.3867, 0.3091, 0.2980)
contains.

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Color

Yxy(54.4280, 0.3093, 0.2978)

Conversions

Conversions Part 1

Format	Color
Hex	D1BCD7
RGB	209, 188, 215
RGB Percent	82%, 74%, 84%
CMY	0.1806, 0.2626, 0.1569
CMYK	0.03, 0.13, 0.00, 0.16
HSL	287°, 25%, 79%
HSV	287°, 13%, 84%
XYZ	56.5298, 54.4280, 71.8091
YIQ	197.3570, 3.8490, 12.8490

Conversions

Conversions Part 2

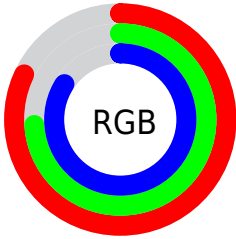
Format	Color
R _Y B	209, 188, 215
Decimal	13745367
CIE Lab	78.71, 12.25, -10.79
CIE LCh	79, 16.326, 318.612
Yxy	54.4280, 0.3093, 0.2978
Android (android.graphics.Color)	4291935447 (0xFFD1BCD7)
YUV	197.3570, 8.6980, 10.2109
Hunter-Lab	73.7753, 7.6675, -6.0671

Details

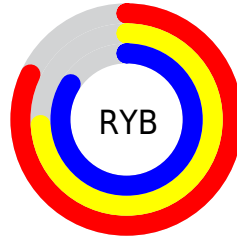
The Yxy color **54.4280, 0.3093, 0.2978** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **63.7074, 0.3156, 0.3613**, and the grayscale version is **56.0038, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **26.7360, 0.3080, 0.2906** is the 20% darker color. If you saturate the color by 10%, you get **45.2245, 0.3059, 0.2716**, and if you desaturate by 10%, it is **65.0258, 0.3121, 0.3229**.

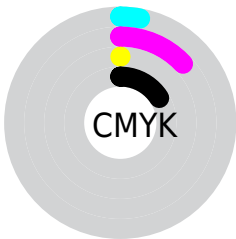
Distribution



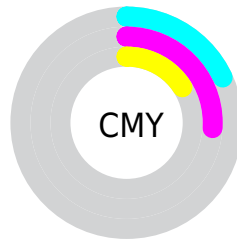
- Red (82%)
- Green (74%)
- Blue (84%)



- Red (82%)
- Yellow (74%)
- Blue (84%)



- Cyan (3%)
- Magenta (13%)
- Yellow (0%)
- Black (16%)





- Cyan (18%)
- Magenta (26%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4280, 0.3093, 0.2978 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 54.4280, 0.3093, 0.2978 by changing the saturation by 10% instead.


 54.4280, 0.3093,
0.2978

 54.4280, 0.3093,
0.2978


403.7400, 0.3111,
0.3127

 38.9439, 0.3088,
0.2943


 96.7024, 0.3100,
0.3030

 26.7161, 0.3082,
0.2899


124.2615, 0.3102,
0.3051

 17.3601, 0.3074,
0.2843


156.6144, 0.3104,
0.3068

 10.4916, 0.3062,
0.2767

194.1456, 0.3106,
0.3083

 5.7261, 0.3044,
0.2662

237.2393, 0.3108,
0.3096

 2.6793, 0.3013,
0.2504

286.2800, 0.3109,

 0.9667, 0.2953,

0.3107

0.2241

341.6521, 0.3110,
0.3117

0.0000, 0.2142,
0.0000

0.0000, 0.0000,
0.0000

54.4280, 0.3093,
0.2978

54.4280, 0.3093,
0.2978

45.2245, 0.3059,
0.2716

65.0258, 0.3121,
0.3229

37.3479, 0.3019,
0.2450

77.0675, 0.3144,
0.3464

30.7354, 0.2973,
0.2187

90.6092, 0.3161,
0.3682

25.3166, 0.2921,
0.1938

92.9580, 0.3190,
0.3703

■ 21.0140, 0.2865,
0.1713

■ 93.7589, 0.3221,
0.3699

■ 17.7409, 0.2806,
0.1524

■ 94.5820, 0.3252,
0.3695

■ 15.3973, 0.2745,
0.1378

■ 95.4275, 0.3283,
0.3691

■ 13.8635, 0.2685,
0.1279

■ 96.2955, 0.3315,
0.3687

■ 13.0954, 0.2641,
0.1229

■ 97.1863, 0.3346,
0.3683

Harmonies

Analogous

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



54.4280, 0.2890, 0.2927



54.4280, 0.3093, 0.2978



54.4280, 0.3311, 0.3104

Triad

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



54.4280, 0.3093, 0.2978



54.4280, 0.3510, 0.3607



54.4280, 0.2782, 0.3286

Complementary

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



54.4280, 0.3093, 0.2978



63.7074, 0.3156, 0.3613

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.



54.4280, 0.2939, 0.3486



54.4280, 0.3093, 0.2978



54.4280, 0.3359, 0.3673

Square

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



54.4280, 0.3093, 0.2978



54.4280, 0.3557, 0.3461



54.4280, 0.3149, 0.3631



54.4280, 0.2716, 0.3096

Rectangle

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



54.4280, 0.3093, 0.2978



54.4280, 0.3435, 0.3217



54.4280, 0.3149, 0.3631



54.4280, 0.2825, 0.3355

Sweetspot

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



54.4303, 0.3093, 0.2978



93.2325, 0.3117, 0.3192



54.3258, 0.2931, 0.3040



19.6915, 0.3115, 0.3173



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.



54.4303, 0.3093, 0.2978



76.3857, 0.3085, 0.2911



54.9676, 0.3197, 0.3063



12.4857, 0.3102, 0.3058



7.8824, 0.2650, 0.1234



0.5107, 0.2752, 0.1289

Inverse Universe

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



54.3218, 0.3305, 0.3220



76.2112, 0.3348, 0.3205



63.2408, 0.3064, 0.3528



12.4660, 0.3256, 0.3238



8.7832, 0.5994, 0.3076



0.5425, 0.5501, 0.2804

Previews

White Background



This preview shows how the Yxy color 54.4280, 0.3093, 0.2978 looks on a white background.

Color Contrast Check

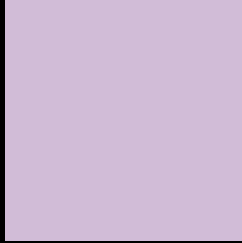
Large Text (above 18pt) WCAG AA × Fail

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 54.4280, 0.3093, 0.2978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

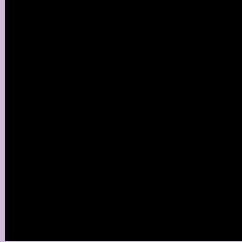
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4280, 0.3093, 0.2978

Background



This preview shows how black text looks on a background with the Yxy color 54.4280, 0.3093, 0.2978.



This preview shows how white text looks on a background with the Yxy color 54.4280, 0.3093, 0.2978.

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

54.4280, 0.3093, 0.2978

Protanopia

54.2782, 0.2932, 0.2991

Deuteranopia

54.7123, 0.3061, 0.2998



Tritanopia

54.5001, 0.3152, 0.3114

Trichromacy



Original Color

54.4280, 0.3093, 0.2978

Protanomaly

54.2771, 0.2992, 0.2983

Deuteranomaly

54.4233, 0.3069, 0.2987

Tritanomaly

54.4085, 0.3130, 0.3056

Monochromacy



Original Color

54.4280, 0.3093, 0.2978

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.3607, 0.3109, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4280, 0.3093, 0.2978 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(209, 188, 215)` looks like.

```
.text, #text, p{  
    color:rgb(209, 188, 215)  
}
```

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(209, 188, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 188, 215) }
```

Border

The CSS property to change the border of an element to Yxy 54.4280, 0.3093, 0.2978 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(209, 188, 215) }
```

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

```
.border{ border-color:rgb(209, 188, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 188, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 188, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 188, 215);  
box-shadow:4px 4px 4px 4px rgb(209, 188,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4280, 0.3093, 0.2978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 188, 215) }
```

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

```
.background{ background-color: rgb(209,  
188, 215) }
```

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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