

Converting Colors

$Y_{xy}(53.5420, 0.3228, 0.2931)$

Have a look what the booklet for
Yxy(53.5420, 0.3228, 0.2931)
contains.

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Color

Yxy(53.5398, 0.3228, 0.2931)

Conversions

Conversions Part 1

Format	Color
Hex	DFB5D5
RGB	223, 181, 213
RGB Percent	87%, 71%, 84%
CMY	0.1255, 0.2902, 0.1648
CMYK	0.00, 0.19, 0.04, 0.13
HSL	314°, 40%, 79%
HSV	314°, 19%, 87%
XYZ	58.9650, 53.5398, 70.1625
YIQ	197.2060, 14.7600, 18.8560

Conversions

Conversions Part 2

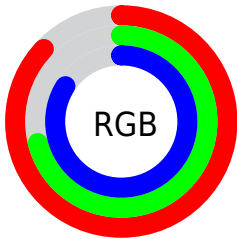
Format	Color
R _Y B	223, 181, 213
Decimal	14661077
CIE Lab	78.19, 20.43, -10.35
CIE LCh	78, 22.905, 333.146
Yxy	53.5398, 0.3228, 0.2931
Android (android.graphics.Color)	4292851157 (0xFFDFB5D5)
YUV	197.2060, 7.7864, 22.6213
Hunter-Lab	73.1709, 15.7958, -5.6327

Details

The Yxy color **53.5398, 0.3228, 0.2931** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.3675, 0.3040, 0.3678**, and the grayscale version is **55.9123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **26.1225, 0.3250, 0.2847** is the 20% darker color. If you saturate the color by 10%, you get **44.9210, 0.3294, 0.2734**, and if you desaturate by 10%, it is **63.6237, 0.3171, 0.3125**.

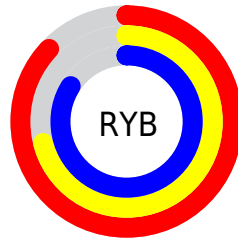
Distribution



Red (87%)

Green (71%)

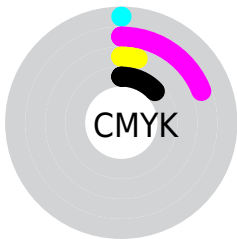
Blue (84%)



Red (87%)

Yellow (71%)

Blue (84%)

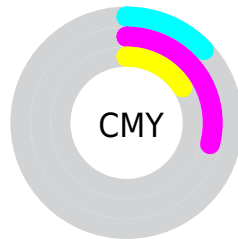


Cyan (0%)

Magenta (19%)

Yellow (4%)

Black (13%)



Cyan (13%)


Magenta (29%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5398, 0.3228, 0.2931 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 53.5398, 0.3228, 0.2931 by changing the saturation by 10% instead.


 53.5398, 0.3228,
0.2931

 53.5398, 0.3228,
0.2931


400.3527, 0.3181,
0.3101

 38.2339, 0.3239,
0.2891


 95.3982, 0.3212,
0.2991

 26.1642, 0.3252,
0.2841


122.7195, 0.3205,
0.3014

 16.9466, 0.3269,
0.2777


154.8146, 0.3200,
0.3034

 10.1964, 0.3291,
0.2692

192.0681, 0.3195,
0.3051

 5.5294, 0.3321,
0.2574

234.8642, 0.3191,
0.3066

 2.5611, 0.3363,
0.2397

283.5874, 0.3187,

 0.9071, 0.3428,

0.3079

0.2109

338.6221, 0.3184,
0.3091

0.0000, 0.3791,
0.0000

0.0000, 0.0000,
0.0000

53.5398, 0.3228,
0.2931

53.5398, 0.3228,
0.2931

44.9210, 0.3294,
0.2734

63.6237, 0.3171,
0.3125

37.6913, 0.3369,
0.2540

75.2301, 0.3122,
0.3311

31.7785, 0.3452,
0.2357

88.4219, 0.3080,
0.3487

27.1009, 0.3542,
0.2196

93.1659, 0.3048,
0.3502

■ 23.5677, 0.3637,
0.2066

■ 93.4771, 0.3019,
0.3447

■ 21.0758, 0.3734,
0.1977

■ 93.7976, 0.2989,
0.3392

■ 19.5032, 0.3830,
0.1936

■ 94.1275, 0.2960,
0.3337

■ 18.6624, 0.3923,
0.1939

■ 94.4294, 0.2935,
0.3289

■ 18.5825, 0.3933,
0.1940

Harmonies

Analogous

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



53.5398, 0.2922, 0.2807



53.5398, 0.3228, 0.2931



53.5398, 0.3519, 0.3141

Triad

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



53.5398, 0.3228, 0.2931



53.5398, 0.3577, 0.3799



53.5398, 0.2583, 0.3142

Complementary

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



53.5398, 0.3228, 0.2931



66.3675, 0.3040, 0.3678

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.



53.5398, 0.2742, 0.3433



53.5398, 0.3228, 0.2931



53.5398, 0.3312, 0.3828

Square

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



53.5398, 0.3228, 0.2931



53.5398, 0.3724, 0.3633



53.5398, 0.3006, 0.3693



53.5398, 0.2562, 0.2913

Rectangle

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



53.5398, 0.3228, 0.2931



53.5398, 0.3658, 0.3307



53.5398, 0.3006, 0.3693



53.5398, 0.2621, 0.3236

Sweetspot

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



53.5422, 0.3228, 0.2931



90.3906, 0.3156, 0.3178



49.4291, 0.2891, 0.2787



19.1333, 0.3160, 0.3165



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.



53.5422, 0.3228, 0.2931



67.2485, 0.3255, 0.2846



52.5540, 0.3399, 0.3162



13.8767, 0.3174, 0.3113



10.9437, 0.3920, 0.1933



0.7722, 0.3788, 0.1860

Inverse Universe

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



53.5422, 0.3228, 0.2931



67.2485, 0.3255, 0.2846



67.3482, 0.2912, 0.3422



13.8767, 0.3174, 0.3113



10.9437, 0.3920, 0.1933



0.7722, 0.3788, 0.1860

Previews

White Background



This preview shows how the Yxy color 53.5398, 0.3228, 0.2931 looks on a white background.

Color Contrast Check

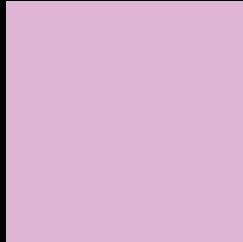
Large Text (above 18pt) WCAG AA × Fail

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 53.5398, 0.3228, 0.2931 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 53.5398, 0.3228, 0.2931

Background



This preview shows how black text looks on a background with the Yxy color 53.5398, 0.3228, 0.2931.



This preview shows how white text looks on a background with the Yxy color 53.5398, 0.3228, 0.2931.

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

53.5398, 0.3228, 0.2931

Protanopia

53.6854, 0.2903, 0.2954

Deuteranopia

53.5573, 0.3076, 0.3008



Tritanopia

53.7303, 0.3329, 0.3130

Trichromacy



Original Color

53.5398, 0.3228, 0.2931

Protanomaly

53.3937, 0.3015, 0.2949

Deuteranomaly

53.3003, 0.3134, 0.2977

Tritanomaly

53.7084, 0.3298, 0.3063

Monochromacy



Original Color

53.5398, 0.3228, 0.2931

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.6952, 0.3158, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5398, 0.3228, 0.2931 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(223, 181, 213)` looks like.

```
.text, #text, p{  
    color:rgb(223, 181, 213)  
}
```

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(223, 181, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 181, 213) }
```

Border

The CSS property to change the border of an element to Yxy 53.5398, 0.3228, 0.2931 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(223, 181, 213) }
```

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

```
.border{ border-color:rgb(223, 181, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 181, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 181, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 181, 213);  
box-shadow:4px 4px 4px 4px rgb(223, 181,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5398, 0.3228, 0.2931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 181, 213) }
```

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

```
.background{ background-color: rgb(223,  
181, 213) }
```

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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