

Converting Colors

Yxy(53.7973, 0.2989, 0.2749)

Have a look what the booklet for
Yxy(53.7973, 0.2989, 0.2749)
contains.

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Color

Yxy(53.9561, 0.2985, 0.2750)

Conversions

Conversions Part 1

Format	Color
Hex	D3B8E8
RGB	211, 184, 232
RGB Percent	83%, 72%, 91%
CMY	0.1726, 0.2784, 0.0901
CMYK	0.09, 0.21, 0.00, 0.09
HSL	274°, 51%, 82%
HSV	274°, 21%, 91%
XYZ	58.5669, 53.9561, 83.6810
YIQ	197.5450, 0.6840, 20.6520

Conversions

Conversions Part 2

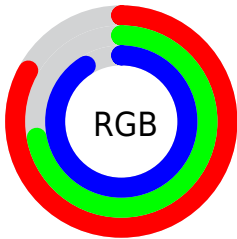
Format	Color
R _{YB}	211, 184, 232
Decimal	13875432
CIE Lab	78.44, 18.42, -20.38
CIE LCh	78, 27.470, 312.118
Yxy	53.9561, 0.2985, 0.2750
Android (android.graphics.Color)	4292065512 (0xFFD3B8E8)
YUV	197.5450, 16.9863, 11.8000
Hunter-Lab	73.4548, 13.7754, -16.1258

Details

The Yxy color $53.9561, 0.2985, 0.2750$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $74.1673, 0.3245, 0.3838$, and the grayscale version is $56.0769, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.8002, 0.3134, 0.3146$, and $26.4351, 0.2945, 0.2625$ is the 20% darker color. If you saturate the color by 10%, you get $43.6419, 0.2899, 0.2465$, and if you desaturate by 10%, it is $65.9506, 0.3060, 0.3021$.

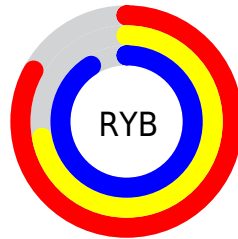
Distribution



Red (83%)

Green (72%)

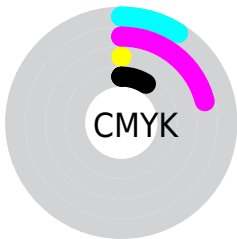
Blue (91%)



Red (83%)

Yellow (72%)

Blue (91%)

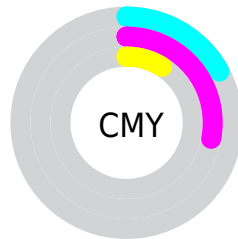


Cyan (9%)

Magenta (21%)

Yellow (0%)

Black (9%)



Cyan (17%)


Magenta (28%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9561, 0.2985, 0.2750 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 53.9561, 0.2985, 0.2750 by changing the saturation by 10% instead.

 53.9561, 0.2985,
0.2750

 53.9561, 0.2985,
0.2750


401.9426, 0.3057,
0.3003

 38.5666, 0.2967,
0.2692


 96.0098, 0.3011,
0.2838

 26.4227, 0.2943,
0.2619


123.4427, 0.3021,
0.2873

 17.1401, 0.2912,
0.2527


155.6589, 0.3030,
0.2902

 10.3345, 0.2869,
0.2406

193.0428, 0.3037,
0.2927

 5.6213, 0.2806,
0.2242

235.9787, 0.3043,
0.2950

 2.6162, 0.2706,
0.2005

284.8510, 0.3048,

 0.9348, 0.2528,

0.2970

0.1640

340.0442, 0.3053,
0.2987

0.0000, 0.1843,
0.0000

0.0000, 0.0000,
0.0000

53.9561, 0.2985,
0.2750

53.9561, 0.2985,
0.2750

43.6419, 0.2899,
0.2465

65.9506, 0.3060,
0.3021

34.9225, 0.2801,
0.2174

79.6919, 0.3123,
0.3273

27.7149, 0.2693,
0.1887

95.2513, 0.3176,
0.3505

21.9257, 0.2578,
0.1616

97.9760, 0.3240,
0.3514

■ 17.4509, 0.2460,
0.1377

■ 98.6070, 0.3262,
0.3512

■ 14.1714, 0.2342,
0.1182

■ 11.9455, 0.2231,
0.1040

■ 10.6010, 0.2136,
0.0950

Harmonies

Analogous

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



53.9561, 0.2670, 0.2693



53.9561, 0.2985, 0.2750



53.9561, 0.3357, 0.2930

Triad

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



53.9561, 0.2985, 0.2750



53.9561, 0.3807, 0.3767



53.9561, 0.2596, 0.3352

Complementary

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



53.9561, 0.2985, 0.2750



74.1673, 0.3245, 0.3838

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.



53.9561, 0.2877, 0.3694



53.9561, 0.2985, 0.2750



53.9561, 0.3579, 0.3930

Square

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



53.9561, 0.2985, 0.2750



53.9561, 0.3848, 0.3497



53.9561, 0.3236, 0.3912



53.9561, 0.2457, 0.3015

Rectangle

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



53.9561, 0.2985, 0.2750



53.9561, 0.3585, 0.3101



53.9561, 0.3236, 0.3912



53.9561, 0.2676, 0.3472

Sweetspot

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



53.9584, 0.2985, 0.2750



89.3743, 0.3091, 0.3141



59.9746, 0.2798, 0.2980



18.8926, 0.3086, 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.



53.9584, 0.2985, 0.2750



60.9326, 0.2948, 0.2625



57.1349, 0.3170, 0.2801



14.2846, 0.3068, 0.3053



5.9603, 0.2151, 0.0959



0.4952, 0.2300, 0.1040

Inverse Universe

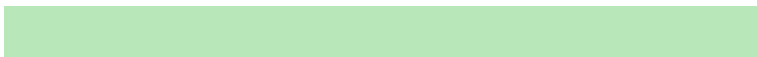
The Inverse Universe completely reimagines the original color for something new.



55.8533, 0.3365, 0.3058



63.7548, 0.3429, 0.3006



71.4752, 0.3086, 0.3833



14.4724, 0.3224, 0.3187



10.0773, 0.5215, 0.2646



0.7631, 0.4850, 0.2445

Previews

White Background



This preview shows how the Yxy color 53.9561, 0.2985, 0.2750 looks on a white background.

Color Contrast Check

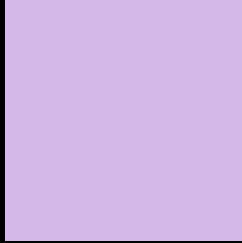
Large Text (above 18pt) WCAG AA × Fail

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 53.9561, 0.2985, 0.2750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

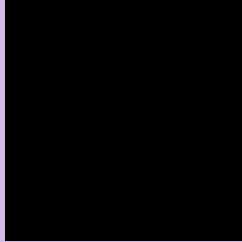
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.9561, 0.2985, 0.2750

Background



This preview shows how black text looks on a background with the Yxy color 53.9561, 0.2985, 0.2750.



This preview shows how white text looks on a background with the Yxy color 53.9561, 0.2985, 0.2750.

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

53.9561, 0.2985, 0.2750

Protanopia

54.0627, 0.2749, 0.2750

Deuteranopia

54.1985, 0.2872, 0.2813



Tritanopia

54.0202, 0.3160, 0.3113

Trichromacy



Original Color

53.9561, 0.2985, 0.2750

Protanomaly

53.9207, 0.2831, 0.2746

Deuteranomaly

54.1535, 0.2916, 0.2795

Tritanomaly

53.8056, 0.3093, 0.2976

Monochromacy



Original Color

53.9561, 0.2985, 0.2750

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.4896, 0.3081, 0.3090

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9561, 0.2985, 0.2750 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(211, 184, 232)` looks like.

```
.text, #text, p{  
    color:rgb(211, 184, 232)  
}
```

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(211, 184, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 184, 232) }
```

Border

The CSS property to change the border of an element to Yxy 53.9561, 0.2985, 0.2750 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(211, 184, 232) }
```

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

```
.border{ border-color:rgb(211, 184, 232) }
```

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

Here you see how a box with a 4 pixel rgb(211, 184, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 184, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 184, 232);  
box-shadow:4px 4px 4px 4px rgb(211, 184,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9561, 0.2985, 0.2750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 184, 232) }
```

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

```
.background{ background-color: rgb(211,  
184, 232) }
```

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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