

Converting Colors

Yxy(53.7483, 0.3043, 0.2698)

Have a look what the booklet for
Yxy(53.7483, 0.3043, 0.2698)
contains.

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Color

Yxy(53.7987, 0.3042, 0.2696)

Conversions

Conversions Part 1

Format	Color
Hex	DCB4EA
RGB	220, 180, 234
RGB Percent	86%, 71%, 92%
CMY	0.1370, 0.2942, 0.0822
CMYK	0.06, 0.23, 0.00, 0.08
HSL	284°, 56%, 81%
HSV	284°, 23%, 92%
XYZ	60.7031, 53.7987, 85.0482
YIQ	198.1160, 6.5060, 25.2740

Conversions

Conversions Part 2

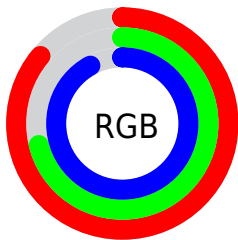
Format	Color
R _Y B	220, 180, 234
Decimal	14464234
CIE Lab	78.34, 23.93, -21.53
CIE LCh	78, 32.189, 318.027
Yxy	53.7987, 0.3042, 0.2696
Android (android.graphics.Color)	4292654314 (0xFFDCB4EA)
YUV	198.1160, 17.6908, 19.1923
Hunter-Lab	73.3476, 19.3699, -17.4048

Details

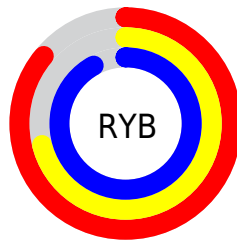
The Yxy color **53.7987, 0.3042, 0.2696** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **73.6203, 0.3191, 0.3921**, and the grayscale version is **56.4380, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4709, 0.3136, 0.3107**, and **26.3924, 0.3020, 0.2560** is the 20% darker color. If you saturate the color by 10%, you get **44.2102, 0.2994, 0.2425**, and if you desaturate by 10%, it is **65.0212, 0.3083, 0.2961**.

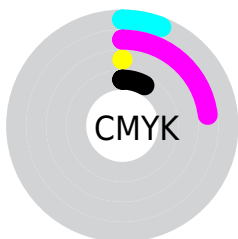
Distribution



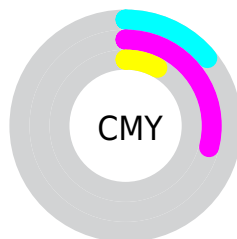
- Red (86%)
- Green (71%)
- Blue (92%)



- Red (86%)
- Yellow (71%)
- Blue (92%)



- Cyan (6%)
- Magenta (23%)
- Yellow (0%)
- Black (8%)



- Cyan (14%)
- Magenta (29%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7987, 0.3042, 0.2696 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 53.7987, 0.3042, 0.2696 by changing the saturation by 10% instead.


 53.7987, 0.3042,
0.2696

 53.7987, 0.3042,
0.2696


401.3419, 0.3088,
0.2972

 38.4407, 0.3030,
0.2633


 95.7786, 0.3059,
0.2792

 26.3249, 0.3014,
0.2555


123.1694, 0.3066,
0.2829

 17.0669, 0.2992,
0.2456


155.3399, 0.3071,
0.2861

 10.2822, 0.2961,
0.2327

192.6745, 0.3076,
0.2889

 5.5865, 0.2914,
0.2152

235.5576, 0.3079,
0.2914

 2.5953, 0.2838,
0.1905

284.3736, 0.3083,

 0.9243, 0.2696,

0.2936

0.1531

339.5069, 0.3086,
0.2955

0.0000, 0.2333,
0.0000

0.0000, 0.0000,
0.0000

53.7987, 0.3042,
0.2696

53.7987, 0.3042,
0.2696

44.2102, 0.2994,
0.2425

65.0212, 0.3083,
0.2961

36.1683, 0.2938,
0.2157

77.9455, 0.3118,
0.3215

29.5879, 0.2876,
0.1902

92.6440, 0.3146,
0.3452

24.3728, 0.2809,
0.1673

96.7415, 0.3181,
0.3497

■ 20.4151, 0.2739,
0.1479

■ 97.8433, 0.3220,
0.3494

■ 17.5902, 0.2669,
0.1330

■ 98.7222, 0.3250,
0.3493

■ 15.7472, 0.2600,
0.1228

■ 14.8862, 0.2553,
0.1180

Harmonies

Analogous

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



53.7987, 0.2656, 0.2598



53.7987, 0.3042, 0.2696



53.7987, 0.3479, 0.2926

Triad

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



53.7987, 0.3042, 0.2696



53.7987, 0.3885, 0.3892



53.7987, 0.2462, 0.3276

Complementary

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



53.7987, 0.3042, 0.2696



73.6203, 0.3191, 0.3921

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.



53.7987, 0.2758, 0.3695



53.7987, 0.3042, 0.2696



53.7987, 0.3580, 0.4057

Square

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



53.7987, 0.3042, 0.2696



53.7987, 0.3984, 0.3591



53.7987, 0.3165, 0.3994



53.7987, 0.2340, 0.2898

Rectangle

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



53.7987, 0.3042, 0.2696



53.7987, 0.3733, 0.3132



53.7987, 0.3165, 0.3994



53.7987, 0.2543, 0.3418

Sweetspot

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



53.8010, 0.3042, 0.2696



88.2705, 0.3105, 0.3117



54.4020, 0.2749, 0.2818



18.6876, 0.3103, 0.3101



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.



53.8010, 0.3042, 0.2696



59.2605, 0.3019, 0.2560



55.3747, 0.3253, 0.2843



15.1064, 0.3097, 0.3055



8.4264, 0.2564, 0.1186



0.7074, 0.2657, 0.1237

Inverse Universe

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



54.0249, 0.3482, 0.3136



59.6421, 0.3584, 0.3100



72.3955, 0.3022, 0.3783



15.1180, 0.3252, 0.3229



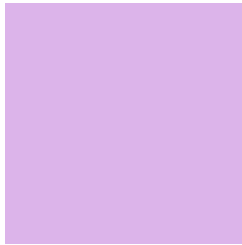
10.0335, 0.5899, 0.3024



0.8032, 0.5508, 0.2808

Previews

White Background



This preview shows how the Yxy color 53.7987, 0.3042, 0.2696 looks on a white background.

Color Contrast Check

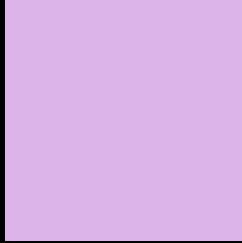
Large Text (above 18pt) WCAG AA × Fail

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 53.7987, 0.3042, 0.2696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

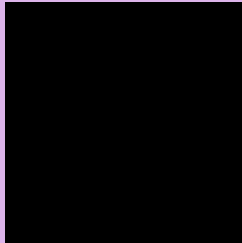
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7987, 0.3042, 0.2696

Background



This preview shows how black text looks on a background with the Yxy color 53.7987, 0.3042, 0.2696.



This preview shows how white text looks on a background with the Yxy color 53.7987, 0.3042, 0.2696.

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

53.7987, 0.3042, 0.2696

Protanopia

54.0552, 0.2711, 0.2705

Deuteranopia

54.1224, 0.2858, 0.2801



Tritanopia

53.7819, 0.3252, 0.3116

Trichromacy



Original Color

53.7987, 0.3042, 0.2696

Protanomaly

53.9342, 0.2825, 0.2705

Deuteranomaly

53.6975, 0.2917, 0.2753

Tritanomaly

53.8368, 0.3176, 0.2960

Monochromacy



Original Color

53.7987, 0.3042, 0.2696

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.0866, 0.3098, 0.3056

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7987, 0.3042, 0.2696 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(220, 180, 234)` looks like.

```
.text, #text, p{  
    color:rgb(220, 180, 234)  
}
```

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(220, 180, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 180, 234) }
```

Border

The CSS property to change the border of an element to Yxy 53.7987, 0.3042, 0.2696 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(220, 180, 234) }
```

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

```
.border{ border-color:rgb(220, 180, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 180, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 180, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 180, 234);  
box-shadow:4px 4px 4px 4px rgb(220, 180,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7987, 0.3042, 0.2696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 180, 234) }
```

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

```
.background{ background-color: rgb(220,  
180, 234) }
```

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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