

Converting Colors

Yxy(53.6383, 0.3102, 0.2747)

Have a look what the booklet for
Yxy(53.6383, 0.3102, 0.2747)
contains.

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Color

Yxy(53.4269, 0.3096, 0.2739)

Conversions

Conversions Part 1

Format	Color
Hex	DEB3E5
RGB	222, 179, 229
RGB Percent	87%, 70%, 90%
CMY	0.1293, 0.2980, 0.1020
CMYK	0.03, 0.22, 0.00, 0.10
HSL	292°, 49%, 80%
HSV	292°, 22%, 90%
XYZ	60.3905, 53.4269, 81.2424
YIQ	197.5570, 9.5780, 24.6660

Conversions

Conversions Part 2

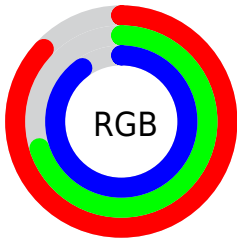
Format	Color
R _Y B	222, 179, 229
Decimal	14595045
CIE Lab	78.13, 24.13, -19.11
CIE LCh	78, 30.782, 321.617
Yxy	53.4269, 0.3096, 0.2739
Android (android.graphics.Color)	4292785125 (0xFFDEB3E5)
YUV	197.5570, 15.5014, 21.4365
Hunter-Lab	73.0937, 19.5640, -14.7343

Details

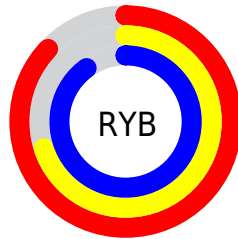
The Yxy color **53.4269, 0.3096, 0.2739** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **69.7147, 0.3146, 0.3890**, and the grayscale version is **56.0913, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **26.0458, 0.3082, 0.2612** is the 20% darker color. If you saturate the color by 10%, you get **44.5021, 0.3076, 0.2479**, and if you desaturate by 10%, it is **63.8898, 0.3112, 0.2997**.

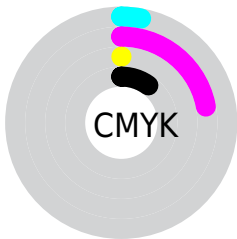
Distribution



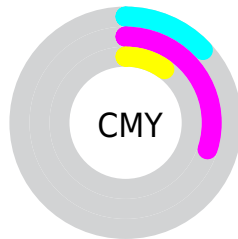
- Red (87%)
- Green (70%)
- Blue (90%)



- Red (87%)
- Yellow (70%)
- Blue (90%)



- Cyan (3%)
- Magenta (22%)
- Yellow (0%)
- Black (10%)





- Cyan (13%)
- Magenta (30%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.4269, 0.3096, 0.2739 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 53.4269, 0.3096, 0.2739 by changing the saturation by 10% instead.


 53.4269, 0.3096,
0.2739

 53.4269, 0.3096,
0.2739


399.9208, 0.3116,
0.2996

 38.1437, 0.3090,
0.2680


 95.2323, 0.3104,
0.2829

 26.0942, 0.3082,
0.2607


122.5232, 0.3107,
0.2863

 16.8941, 0.3071,
0.2514


154.5854, 0.3109,
0.2893

 10.1590, 0.3054,
0.2392

191.8034, 0.3111,
0.2919

 5.5045, 0.3027,
0.2226

234.5616, 0.3112,
0.2942

 2.5462, 0.2980,
0.1988

283.2443, 0.3114,

 0.8997, 0.2884,

0.2962

0.1623

338.2359, 0.3115,
0.2980

0.0000, 0.2596,
0.0000

0.0000, 0.0000,
0.0000

53.4269, 0.3096,
0.2739

53.4269, 0.3096,
0.2739

44.5021, 0.3076,
0.2479

63.8898, 0.3112,
0.2997

37.0331, 0.3051,
0.2226

75.9540, 0.3125,
0.3246

30.9409, 0.3023,
0.1989

89.6873, 0.3135,
0.3481

26.1355, 0.2992,
0.1779

94.7986, 0.3151,
0.3552

■ 22.5168, 0.2957,
0.1605

■ 95.3449, 0.3171,
0.3551

■ 19.9693, 0.2921,
0.1475

■ 95.9010, 0.3191,
0.3549

■ 18.3545, 0.2885,
0.1389

■ 96.4668, 0.3211,
0.3548

■ 17.5437, 0.2855,
0.1347

■ 97.0426, 0.3232,
0.3546

■ 97.6282, 0.3252,
0.3544

Harmonies

Analogous

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



53.4269, 0.2713, 0.2628



53.4269, 0.3096, 0.2739



53.4269, 0.3512, 0.2974

Triad

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



53.4269, 0.3096, 0.2739



53.4269, 0.3828, 0.3897



53.4269, 0.2465, 0.3229

Complementary

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



53.4269, 0.3096, 0.2739



69.7147, 0.3146, 0.3890

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.



53.4269, 0.2732, 0.3632



53.4269, 0.3096, 0.2739



53.4269, 0.3518, 0.4030

Square

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



53.4269, 0.3096, 0.2739



53.4269, 0.3949, 0.3619



53.4269, 0.3115, 0.3939



53.4269, 0.2368, 0.2880

Rectangle

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



53.4269, 0.3096, 0.2739



53.4269, 0.3745, 0.3177



53.4269, 0.3115, 0.3939



53.4269, 0.2536, 0.3364

Sweetspot

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



53.4292, 0.3096, 0.2739



88.6674, 0.3119, 0.3117



50.5662, 0.2766, 0.2776



18.7798, 0.3118, 0.3102



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.



53.4292, 0.3096, 0.2739



63.0389, 0.3088, 0.2626



53.6215, 0.3292, 0.2930



14.5083, 0.3116, 0.3057



10.0723, 0.2861, 0.1350



0.7724, 0.2915, 0.1379

Inverse Universe

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



52.4370, 0.3509, 0.3212



61.5999, 0.3608, 0.3196



69.6187, 0.2993, 0.3679



14.4005, 0.3271, 0.3258



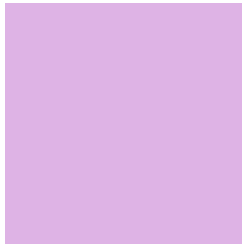
9.5937, 0.6212, 0.3196



0.7194, 0.5870, 0.3007

Previews

White Background



This preview shows how the Yxy color 53.4269, 0.3096, 0.2739 looks on a white background.

Color Contrast Check

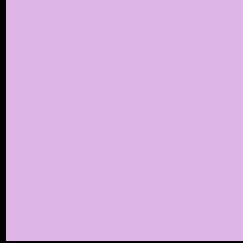
Large Text (above 18pt) WCAG AA × Fail

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 53.4269, 0.3096, 0.2739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

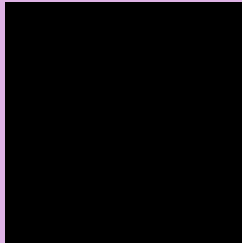
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.4269, 0.3096, 0.2739

Background



This preview shows how black text looks on a background with the Yxy color 53.4269, 0.3096, 0.2739.



This preview shows how white text looks on a background with the Yxy color 53.4269, 0.3096, 0.2739.

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

53.4269, 0.3096, 0.2739

Protanopia

53.9396, 0.2742, 0.2749

Deuteranopia

53.6770, 0.2906, 0.2845



Tritanopia

53.3099, 0.3296, 0.3117

Trichromacy



Original Color

53.4269, 0.3096, 0.2739

Protanomaly

53.4091, 0.2859, 0.2737

Deuteranomaly

53.2785, 0.2967, 0.2797

Tritanomaly

53.1691, 0.3217, 0.2971

Monochromacy



Original Color

53.4269, 0.3096, 0.2739

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.1305, 0.3121, 0.3080

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4269, 0.3096, 0.2739 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(222, 179, 229)` looks like.

```
.text, #text, p{  
    color:rgb(222, 179, 229)  
}
```

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(222, 179, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 179, 229) }
```

Border

The CSS property to change the border of an element to Yxy 53.4269, 0.3096, 0.2739 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(222, 179, 229) }
```

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

```
.border{ border-color:rgb(222, 179, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 179, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 179, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 179, 229);  
box-shadow:4px 4px 4px 4px rgb(222, 179,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4269, 0.3096, 0.2739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 179, 229) }
```

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

```
.background{ background-color: rgb(222,  
179, 229) }
```

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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