

Converting Colors

Yxy(53.2403, 0.3116, 0.2977)

Have a look what the booklet for
Yxy(53.2403, 0.3116, 0.2977)
contains.

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Color

Yxy(53.0067, 0.3117, 0.2976)

Conversions

Conversions Part 1

Format	Color
Hex	D1B9D4
RGB	209, 185, 212
RGB Percent	82%, 73%, 83%
CMY	0.1805, 0.2744, 0.1686
CMYK	0.01, 0.13, 0.00, 0.17
HSL	293°, 24%, 78%
HSV	293°, 13%, 83%
XYZ	55.5181, 53.0067, 69.5891
YIQ	195.2540, 5.6370, 13.4850

Conversions

Conversions Part 2

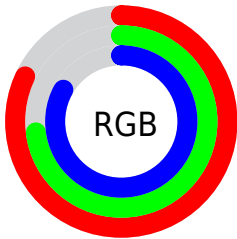
Format	Color
R _Y B	209, 185, 212
Decimal	13744596
CIE Lab	77.88, 13.31, -10.42
CIE LCh	78, 16.901, 321.956
Yxy	53.0067, 0.3117, 0.2976
Android (android.graphics.Color)	4291934676 (0xFFD1B9D4)
YUV	195.2540, 8.2558, 12.0552
Hunter-Lab	72.8057, 8.7055, -5.7065

Details

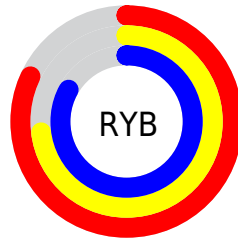
The Yxy color $53.0067, 0.3117, 0.2976$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $61.2869, 0.3134, 0.3620$, and the grayscale version is $54.6786, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.3906, 0.3133, 0.3156$, and $25.8069, 0.3112, 0.2903$ is the 20% darker color. If you saturate the color by 10%, you get $44.4442, 0.3106, 0.2720$, and if you desaturate by 10%, it is $62.9015, 0.3125, 0.3224$.

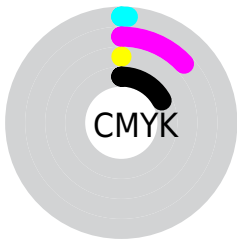
Distribution



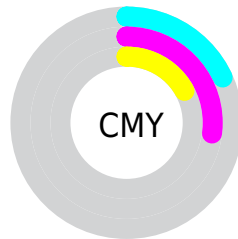
- Red (82%)
- Green (73%)
- Blue (83%)



- Red (82%)
- Yellow (73%)
- Blue (83%)



- Cyan (1%)
- Magenta (13%)
- Yellow (0%)
- Black (17%)



- Cyan (18%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0067, 0.3117, 0.2976 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 53.0067, 0.3117, 0.2976 by changing the saturation by 10% instead.


 53.0067, 0.3117,
0.2976

 53.0067, 0.3117,
0.2976


398.3108, 0.3123,
0.3126

 37.8081, 0.3115,
0.2940

 94.6142, 0.3120,
0.3029

 25.8338, 0.3112,
0.2896


121.7920, 0.3121,
0.3049

 16.6993, 0.3108,
0.2839


153.7315, 0.3121,
0.3067

 10.0204, 0.3102,
0.2762

190.8173, 0.3122,
0.3082

 5.4125, 0.3093,
0.2653

233.4338, 0.3122,
0.3095

 2.4912, 0.3075,
0.2490

281.9652, 0.3123,

 0.8722, 0.3035,

0.3107

0.2217

336.7961, 0.3123,
0.3117

■ 0.0000, 0.1772,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.0067, 0.3117,
0.2976

■ 53.0067, 0.3117,
0.2976

■ 44.4442, 0.3106,
0.2720

■ 62.9015, 0.3125,
0.3224

■ 37.1487, 0.3091,
0.2464

■ 74.1765, 0.3131,
0.3460

■ 31.0600, 0.3074,
0.2216

■ 86.8855, 0.3135,
0.3681

■ 26.1099, 0.3053,
0.1986

■ 91.2561, 0.3146,
0.3743

■ 22.2235, 0.3029,
0.1785

■ 91.6276, 0.3161,
0.3741

■ 19.3171, 0.3002,
0.1620

■ 92.0044, 0.3176,
0.3739

■ 17.2942, 0.2974,
0.1498

■ 92.3865, 0.3191,
0.3737

■ 16.0388, 0.2946,
0.1420

■ 92.7740, 0.3206,
0.3735

■ 15.4631, 0.2925,
0.1385

■ 93.1669, 0.3222,
0.3733

Harmonies

Analogous

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



53.0067, 0.2901, 0.2913



53.0067, 0.3117, 0.2976



53.0067, 0.3343, 0.3115

Triad

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



53.0067, 0.3117, 0.2976



53.0067, 0.3515, 0.3634



53.0067, 0.2754, 0.3262

Complementary

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



53.0067, 0.3117, 0.2976



61.2869, 0.3134, 0.3620

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.



53.0067, 0.2908, 0.3473



53.0067, 0.3117, 0.2976



53.0067, 0.3347, 0.3692

Square

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



53.0067, 0.3117, 0.2976



53.0067, 0.3577, 0.3487



53.0067, 0.3124, 0.3634



53.0067, 0.2697, 0.3068

Rectangle

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



53.0067, 0.3117, 0.2976



53.0067, 0.3467, 0.3235



53.0067, 0.3124, 0.3634



53.0067, 0.2796, 0.3334

Sweetspot

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



53.0090, 0.3117, 0.2976



93.4469, 0.3124, 0.3192



51.1077, 0.2927, 0.2997



19.7459, 0.3124, 0.3174



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.



53.0090, 0.3117, 0.2976



77.1699, 0.3115, 0.2914



52.9505, 0.3223, 0.3096



12.5585, 0.3120, 0.3059



9.5742, 0.2929, 0.1387



0.5981, 0.2980, 0.1415

Inverse Universe

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



52.3357, 0.3332, 0.3255



75.9802, 0.3378, 0.3247



61.3581, 0.3042, 0.3493



12.4433, 0.3274, 0.3264



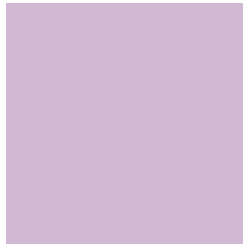
8.6889, 0.6256, 0.3220



0.5319, 0.5904, 0.3026

Previews

White Background



This preview shows how the Yxy color 53.0067, 0.3117, 0.2976 looks on a white background.

Color Contrast Check

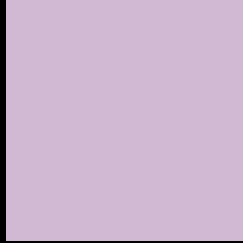
Large Text (above 18pt) WCAG AA × Fail

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 53.0067, 0.3117, 0.2976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

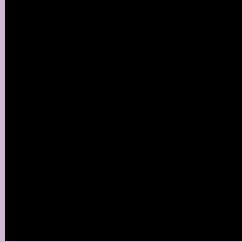
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0067, 0.3117, 0.2976

Background



This preview shows how black text looks on a background with the Yxy color 53.0067, 0.3117, 0.2976.



This preview shows how white text looks on a background with the Yxy color 53.0067, 0.3117, 0.2976.

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

53.0067, 0.3117, 0.2976

Protanopia

53.0383, 0.2930, 0.2988

Deuteranopia

52.9906, 0.3068, 0.2995



Tritanopia

53.0231, 0.3185, 0.3124

Trichromacy



Original Color

53.0067, 0.3117, 0.2976

Protanomaly

53.0373, 0.2991, 0.2980

Deuteranomaly

52.8504, 0.3084, 0.2985

Tritanomaly

52.9355, 0.3162, 0.3067

Monochromacy



Original Color

53.0067, 0.3117, 0.2976

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.7580, 0.3125, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0067, 0.3117, 0.2976 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, 185, 212)` looks like.

```
.text, #text, p{  
    color:rgb(209, 185, 212)  
}
```

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, 185, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 185, 212) }
```

Border

The CSS property to change the border of an element to Yxy 53.0067, 0.3117, 0.2976 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, 185, 212) }
```

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

```
.border{ border-color:rgb(209, 185, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 185, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 185, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 185, 212);  
box-shadow:4px 4px 4px 4px rgb(209, 185,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0067, 0.3117, 0.2976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 185, 212) }
```

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

```
.background{ background-color: rgb(209,  
185, 212) }
```

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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