

Converting Colors

Yxy(53.7035, 0.2984, 0.2690)

Have a look what the booklet for
Yxy(53.7035, 0.2984, 0.2690)
contains.

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Color

Yxy(53.8082, 0.2980, 0.2690)

Conversions

Conversions Part 1

Format	Color
Hex	D6B6EC
RGB	214, 182, 236
RGB Percent	84%, 71%, 93%
CMY	0.1606, 0.2863, 0.0744
CMYK	0.09, 0.23, 0.00, 0.07
HSL	276°, 59%, 82%
HSV	276°, 23%, 93%
XYZ	59.6091, 53.8082, 86.6132
YIQ	197.7240, 1.7380, 23.5780

Conversions

Conversions Part 2

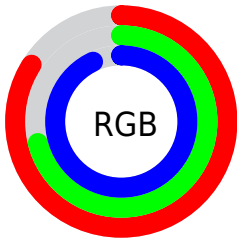
Format	Color
R _Y B	214, 182, 236
Decimal	14071532
CIE Lab	78.35, 21.30, -22.64
CIE LCh	78, 31.088, 313.259
Yxy	53.8082, 0.2980, 0.2690
Android (android.graphics.Color)	4292261612 (0xFFD6B6EC)
YUV	197.7240, 18.8701, 14.2741
Hunter-Lab	73.3541, 16.6833, -18.6591

Details

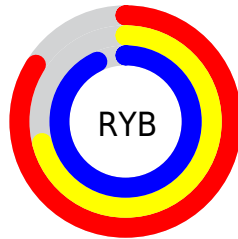
The Yxy color **53.8082, 0.2980, 0.2690** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **76.2109, 0.3245, 0.3905**, and the grayscale version is **56.1819, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **26.3667, 0.2938, 0.2549** is the 20% darker color. If you saturate the color by 10%, you get **43.5423, 0.2898, 0.2406**, and if you desaturate by 10%, it is **65.7929, 0.3051, 0.2963**.

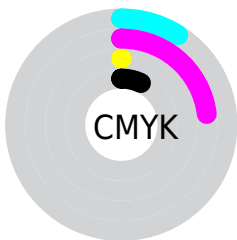
Distribution



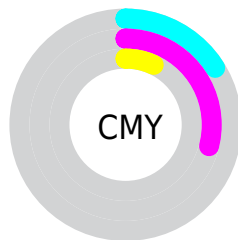
- Red (84%)
- Green (71%)
- Blue (93%)



- Red (84%)
- Yellow (71%)
- Blue (93%)



- Cyan (9%)
- Magenta (23%)
- Yellow (0%)
- Black (7%)





- Cyan (16%)
- Magenta (29%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8082, 0.2980, 0.2690 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 53.8082, 0.2980, 0.2690 by changing the saturation by 10% instead.


 53.8082, 0.2980,
0.2690

 53.8082, 0.2980,
0.2690


401.3782, 0.3056,
0.2970

 38.4483, 0.2961,
0.2626


 95.7926, 0.3008,
0.2787

 26.3308, 0.2936,
0.2547


123.1859, 0.3018,
0.2825

 17.0713, 0.2903,
0.2447


155.3591, 0.3027,
0.2857

 10.2853, 0.2858,
0.2316

192.6967, 0.3034,
0.2886

 5.5886, 0.2791,
0.2139

235.5830, 0.3041,
0.2911

 2.5966, 0.2685,
0.1887

284.4024, 0.3046,

 0.9249, 0.2497,

0.2933

0.1509

339.5393, 0.3051,
0.2952

0.0000, 0.1931,
0.0000

0.0000, 0.0000,
0.0000

53.8082, 0.2980,
0.2690

53.8082, 0.2980,
0.2690

43.5423, 0.2898,
0.2406

65.7929, 0.3051,
0.2963

34.9052, 0.2806,
0.2118

79.5670, 0.3112,
0.3220

27.8092, 0.2704,
0.1838

95.2051, 0.3162,
0.3456

22.1550, 0.2596,
0.1579

98.3558, 0.3222,
0.3474

■ 17.8315, 0.2485,
0.1355

■ 98.8371, 0.3238,
0.3473

■ 14.7106, 0.2375,
0.1176

■ 12.6376, 0.2272,
0.1050

■ 11.6320, 0.2203,
0.0987

Harmonies

Analogous

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



53.8082, 0.2623, 0.2619



53.8082, 0.2980, 0.2690



53.8082, 0.3402, 0.2896

Triad

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



53.8082, 0.2980, 0.2690



53.8082, 0.3890, 0.3834



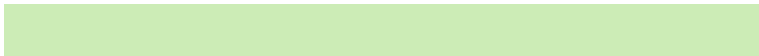
53.8082, 0.2519, 0.3342

Complementary

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



53.8082, 0.2980, 0.2690



76.2109, 0.3245, 0.3905

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.



53.8082, 0.2828, 0.3738



53.8082, 0.2980, 0.2690



53.8082, 0.3622, 0.4018

Square

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



53.8082, 0.2980, 0.2690



53.8082, 0.3947, 0.3530



53.8082, 0.3231, 0.3995



53.8082, 0.2371, 0.2963

Rectangle

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



53.8082, 0.2980, 0.2690



53.8082, 0.3659, 0.3088



53.8082, 0.3231, 0.3995



53.8082, 0.2606, 0.3480

Sweetspot

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



53.8105, 0.2980, 0.2690



87.7838, 0.3088, 0.3116



59.4253, 0.2760, 0.2921



18.5748, 0.3084, 0.3100



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.



53.8105, 0.2980, 0.2690



58.7301, 0.2947, 0.2571



57.0862, 0.3188, 0.2765



14.9905, 0.3073, 0.3053



6.4883, 0.2218, 0.0995



0.5654, 0.2352, 0.1069

Inverse Universe

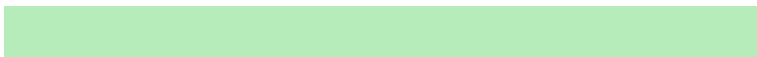
The Inverse Universe completely reimagines the original color for something new.



55.6458, 0.3410, 0.3050



61.3043, 0.3478, 0.3003



73.5106, 0.3070, 0.3878



15.1556, 0.3229, 0.3195



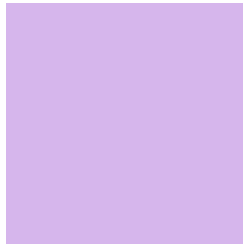
10.3196, 0.5347, 0.2719



0.8290, 0.4984, 0.2519

Previews

White Background



This preview shows how the Yxy color 53.8082, 0.2980, 0.2690 looks on a white background.

Color Contrast Check

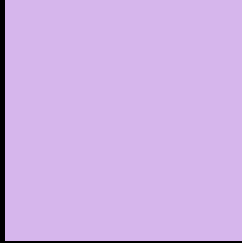
Large Text (above 18pt) WCAG AA × Fail

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 53.8082, 0.2980, 0.2690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

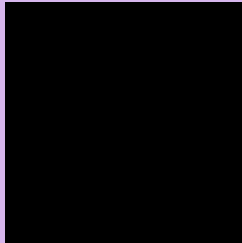
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.8082, 0.2980, 0.2690

Background



This preview shows how black text looks on a background with the Yxy color 53.8082, 0.2980, 0.2690.



This preview shows how white text looks on a background with the Yxy color 53.8082, 0.2980, 0.2690.

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

53.8082, 0.2980, 0.2690

Protanopia

54.1154, 0.2705, 0.2695

Deuteranopia

54.1625, 0.2831, 0.2768



Tritanopia

53.8335, 0.3185, 0.3114

Trichromacy



Original Color

53.8082, 0.2980, 0.2690

Protanomaly

53.7270, 0.2804, 0.2692

Deuteranomaly

53.9563, 0.2889, 0.2741

Tritanomaly

53.8730, 0.3110, 0.2956

Monochromacy



Original Color

53.8082, 0.2980, 0.2690

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.2901, 0.3075, 0.3056

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8082, 0.2980, 0.2690 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(214, 182, 236)` looks like.

```
.text, #text, p{  
    color:rgb(214, 182, 236)  
}
```

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(214, 182, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 182, 236) }
```

Border

The CSS property to change the border of an element to Yxy 53.8082, 0.2980, 0.2690 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(214, 182, 236) }
```

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

```
.border{ border-color:rgb(214, 182, 236) }
```

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

Here you see how a box with a 4 pixel rgb(214, 182, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 182, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 182, 236);  
box-shadow:4px 4px 4px 4px rgb(214, 182,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8082, 0.2980, 0.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 182, 236) }
```

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

```
.background{ background-color: rgb(214,  
182, 236) }
```

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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