

Converting Colors

Yxy(53.2121, 0.2984, 0.2638)

Have a look what the booklet for
Yxy(53.2121, 0.2984, 0.2638)
contains.

Yxy(53.1650, 0.2989, 0.2641)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.1650, 0.2989, 0.2641)

Conversions

Conversions Part 1

Format	Color
Hex	D9B3EE
RGB	217, 179, 238
RGB Percent	85%, 70%, 93%
CMY	0.1489, 0.2980, 0.0667
CMYK	0.09, 0.25, 0.00, 0.07
HSL	279°, 63%, 82%
HSV	279°, 25%, 93%
XYZ	60.1705, 53.1650, 87.9709
YIQ	197.0880, 3.7090, 26.4050

Conversions

Conversions Part 2

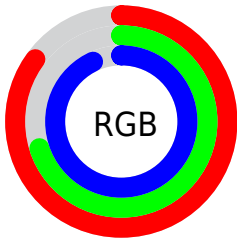
Format	Color
R _Y B	217, 179, 238
Decimal	14267374
CIE Lab	77.97, 24.27, -24.25
CIE LCh	78, 34.313, 315.019
Yxy	53.1650, 0.2989, 0.2641
Android (android.graphics.Color)	4292457454 (0xFFD9B3EE)
YUV	197.0880, 20.1696, 17.4628
Hunter-Lab	72.9143, 19.7019, -20.4931

Details

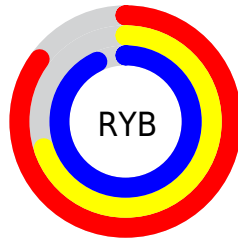
The Yxy color **53.1650, 0.2989, 0.2641** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **76.6732, 0.3234, 0.3966**, and the grayscale version is **55.7671, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **25.9805, 0.2950, 0.2488** is the 20% darker color. If you saturate the color by 10%, you get **43.1731, 0.2917, 0.2360**, and if you desaturate by 10%, it is **64.8741, 0.3052, 0.2914**.

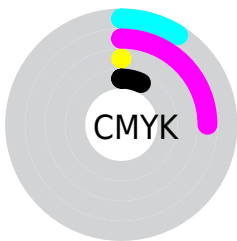
Distribution



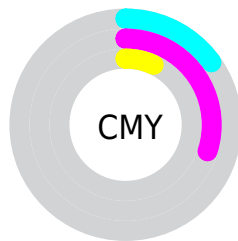
- Red (85%)
- Green (70%)
- Blue (93%)



- Red (85%)
- Yellow (70%)
- Blue (93%)



- Cyan (9%)
- Magenta (25%)
- Yellow (0%)
- Black (7%)





- Cyan (15%)
- Magenta (30%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1650, 0.2989, 0.2641 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 53.1650, 0.2989, 0.2641 by changing the saturation by 10% instead.


 53.1650, 0.2989,
0.2641

 53.1650, 0.2989,
0.2641


398.9178, 0.3061,
0.2942

 37.9345, 0.2970,
0.2572


 94.8471, 0.3016,
0.2746

 25.9319, 0.2946,
0.2487


122.0675, 0.3026,
0.2786

 16.7727, 0.2914,
0.2380


154.0534, 0.3034,
0.2821

 10.0725, 0.2869,
0.2241

191.1890, 0.3041,
0.2852

 5.4471, 0.2803,
0.2054

233.8589, 0.3047,
0.2879

 2.5119, 0.2696,
0.1791

282.4474, 0.3053,

 0.8826, 0.2507,

0.2902

0.1400

337.3389, 0.3057,
0.2923

0.0000, 0.1978,
0.0000

0.0000, 0.0000,
0.0000

53.1650, 0.2989,
0.2641

53.1650, 0.2989,
0.2641

43.1731, 0.2917,
0.2360

64.8741, 0.3052,
0.2914

34.8061, 0.2835,
0.2080

78.3732, 0.3105,
0.3172

27.9732, 0.2746,
0.1812

93.7388, 0.3149,
0.3413

22.5717, 0.2651,
0.1568

98.1759, 0.3200,
0.3455

■ 18.4859, 0.2553,
0.1362

■ 98.9525, 0.3226,
0.3454

■ 15.5814, 0.2457,
0.1202

■ 13.6937, 0.2365,
0.1093

■ 12.9823, 0.2319,
0.1051

Harmonies

Analogous

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



53.1650, 0.2590, 0.2553



53.1650, 0.2989, 0.2641



53.1650, 0.3457, 0.2873

Triad

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



53.1650, 0.2989, 0.2641



53.1650, 0.3959, 0.3903



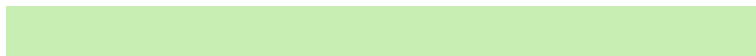
53.1650, 0.2441, 0.3318

Complementary

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



53.1650, 0.2989, 0.2641



76.6732, 0.3234, 0.3966

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.



53.1650, 0.2771, 0.3766



53.1650, 0.2989, 0.2641



53.1650, 0.3648, 0.4103

Square

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



53.1650, 0.2989, 0.2641



53.1650, 0.4040, 0.3570



53.1650, 0.3211, 0.4067



53.1650, 0.2293, 0.2903

Rectangle

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



53.1650, 0.2989, 0.2641



53.1650, 0.3739, 0.3085



53.1650, 0.3211, 0.4067



53.1650, 0.2533, 0.3472

Sweetspot

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



53.1673, 0.2989, 0.2641



87.9515, 0.3094, 0.3116



57.3569, 0.2724, 0.2850



18.6137, 0.3091, 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.



53.1673, 0.2989, 0.2641



55.7221, 0.2952, 0.2492



56.1357, 0.3217, 0.2750



15.7340, 0.3081, 0.3053



7.3187, 0.2333, 0.1059



0.6644, 0.2448, 0.1122

Inverse Universe

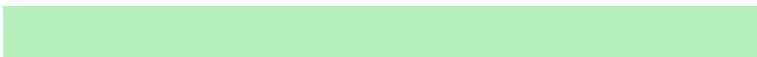
The Inverse Universe completely reimagines the original color for something new.



54.5843, 0.3466, 0.3062



57.7416, 0.3563, 0.3010



74.3090, 0.3048, 0.3898



15.8517, 0.3237, 0.3206



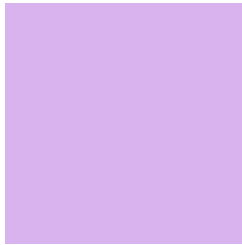
10.5258, 0.5555, 0.2834



0.8939, 0.5191, 0.2633

Previews

White Background



This preview shows how the Yxy color 53.1650, 0.2989, 0.2641 looks on a white background.

Color Contrast Check

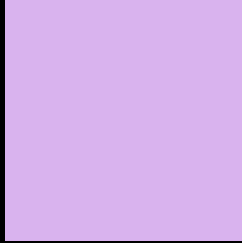
Large Text (above 18pt) WCAG AA × Fail

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 53.1650, 0.2989, 0.2641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

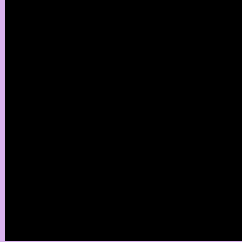
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.1650, 0.2989, 0.2641

Background



This preview shows how black text looks on a background with the Yxy color 53.1650, 0.2989, 0.2641.



This preview shows how white text looks on a background with the Yxy color 53.1650, 0.2989, 0.2641.

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

53.1650, 0.2989, 0.2641

Protanopia

53.4991, 0.2666, 0.2648

Deuteranopia

53.3985, 0.2802, 0.2742



Tritanopia

53.1368, 0.3226, 0.3126

Trichromacy



Original Color

53.1650, 0.2989, 0.2641

Protanomaly

53.3492, 0.2777, 0.2648

Deuteranomaly

53.0917, 0.2867, 0.2696

Tritanomaly

52.8681, 0.3136, 0.2933

Monochromacy



Original Color

53.1650, 0.2989, 0.2641

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.4177, 0.3075, 0.3032

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1650, 0.2989, 0.2641 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(217, 179, 238)` looks like.

```
.text, #text, p{  
    color:rgb(217, 179, 238)  
}
```

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(217, 179, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 179, 238) }
```

Border

The CSS property to change the border of an element to Yxy 53.1650, 0.2989, 0.2641 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(217, 179, 238) }
```

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

```
.border{ border-color:rgb(217, 179, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 179, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 179, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 179, 238);  
box-shadow:4px 4px 4px 4px rgb(217, 179,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1650, 0.2989, 0.2641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 179, 238) }
```

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

```
.background{ background-color: rgb(217,  
179, 238) }
```

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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