

Converting Colors

$Y_{xy}(35.3501, 0.2835, 0.2586)$

Have a look what the booklet for
Yxy(35.3501, 0.2835, 0.2586)
contains.

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Color

Yxy(35.4103, 0.2838, 0.2589)

Conversions

Conversions Part 1

Format	Color
Hex	AA98CD
RGB	170, 152, 205
RGB Percent	67%, 60%, 80%
CMY	0.3336, 0.4038, 0.1961
CMYK	0.17, 0.26, 0.00, 0.20
HSL	260°, 35%, 70%
HSV	260°, 26%, 80%
XYZ	38.8159, 35.4103, 62.5459
YIQ	163.4240, -6.2850, 20.2990

Conversions

Conversions Part 2

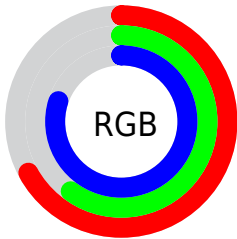
Format	Color
R_{YB}	170, 152, 205
Decimal	11180237
CIE _{Lab}	66.07, 17.22, -24.76
CIE _{LCh}	66, 30.162, 304.822
Yxy	35.4103, 0.2838, 0.2589
Android (android.graphics.Color)	4289370317 (0xFFAA98CD)
YUV	163.4240, 20.4970, 5.7672
Hunter-Lab	59.5066, 12.2985, -20.6637

Details

The Yxy color **35.4103, 0.2838, 0.2589** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **56.5050, 0.3367, 0.3962**, and the grayscale version is **36.7382, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5314, 0.2943, 0.2780**, and **15.3236, 0.2737, 0.2387** is the 20% darker color. If you saturate the color by 10%, you get **27.8872, 0.2698, 0.2281**, and if you desaturate by 10%, it is **44.2424, 0.2962, 0.2879**.

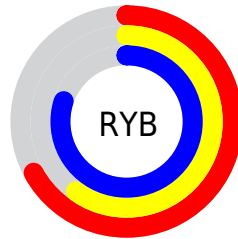
Distribution



Red (67%)

Green (60%)

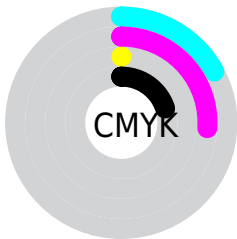
Blue (80%)



Red (67%)

Yellow (60%)

Blue (80%)

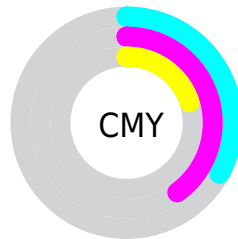


Cyan (17%)

Magenta (26%)

Yellow (0%)

Black (20%)



Cyan (33%)


Magenta (40%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4103, 0.2838, 0.2589 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 35.4103, 0.2838, 0.2589 by changing the saturation by 10% instead.


 35.4103, 0.2838,
0.2589


 35.4103, 0.2838,
0.2589


326.3757, 0.2992,
0.2939

 23.9791, 0.2797,
0.2503


 68.1209, 0.2896,
0.2715

 15.3181, 0.2742,
0.2393


 90.1691, 0.2917,
0.2763

 9.0430, 0.2668,
0.2248


116.5251, 0.2935,
0.2803

 4.7692, 0.2559,
0.2051

147.5733, 0.2950,
0.2838

 2.1125, 0.2390,
0.1768

183.6980, 0.2963,
0.2868

 0.6716, 0.2105,
0.1311

225.2837, 0.2974,

 0.0000, 0.0051,

0.2895

0.0000

272.7148, 0.2984,
0.2918

0.0000, 0.0000,
0.0000

35.4103, 0.2838,
0.2589

35.4103, 0.2838,
0.2589

27.8872, 0.2698,
0.2281

44.2424, 0.2962,
0.2879

21.6049, 0.2544,
0.1963

54.4385, 0.3071,
0.3146

16.4954, 0.2381,
0.1650

66.0558, 0.3164,
0.3387

12.4824, 0.2216,
0.1358

79.1468, 0.3244,
0.3603

9.4802, 0.2056,
0.1105

93.7614, 0.3311,
0.3794

■ 7.3895, 0.1911,
0.0909

■ 96.4993, 0.3399,
0.3784

■ 6.0882, 0.1790,
0.0778

■ 97.1878, 0.3424,
0.3780

■ 5.6858, 0.1746,
0.0735

Harmonies

Analogous

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



35.4103, 0.2483, 0.2557



35.4103, 0.2838, 0.2589



35.4103, 0.3299, 0.2777

Triad

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



35.4103, 0.2838, 0.2589



35.4103, 0.4021, 0.3802



35.4103, 0.2531, 0.3476

Complementary

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



35.4103, 0.2838, 0.2589



56.5050, 0.3367, 0.3962

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.



35.4103, 0.2911, 0.3898



35.4103, 0.2838, 0.2589



35.4103, 0.3778, 0.4062

Square

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



35.4103, 0.2838, 0.2589



35.4103, 0.4012, 0.3446



35.4103, 0.3368, 0.4116



35.4103, 0.2316, 0.3029

Rectangle

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



35.4103, 0.2838, 0.2589



35.4103, 0.3605, 0.2970



35.4103, 0.3368, 0.4116



35.4103, 0.2643, 0.3629

Sweetspot

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



35.4118, 0.2838, 0.2589



85.1969, 0.3048, 0.3088



46.7709, 0.2730, 0.3054



17.6763, 0.3032, 0.3048



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.



35.4118, 0.2838, 0.2589



50.9043, 0.2762, 0.2420



38.6305, 0.3075, 0.2636



11.0253, 0.3034, 0.3054



3.5868, 0.1759, 0.0743



0.2267, 0.1983, 0.0866

Inverse Universe

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



39.0344, 0.3322, 0.2857



57.9069, 0.3375, 0.2761



53.4921, 0.3159, 0.4008



11.3367, 0.3189, 0.3138



9.1988, 0.4282, 0.2133



0.4884, 0.4021, 0.1989

Previews

White Background



This preview shows how the Yxy color 35.4103, 0.2838, 0.2589 looks on a white background.

Color Contrast Check

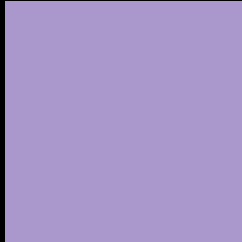
Large Text (above 18pt) WCAG AA × Fail

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 35.4103, 0.2838, 0.2589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

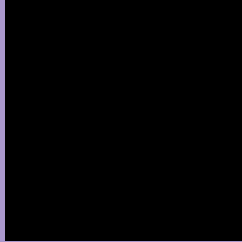
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.4103, 0.2838, 0.2589

Background



This preview shows how black text looks on a background with the Yxy color 35.4103, 0.2838, 0.2589.



This preview shows how white text looks on a background with the Yxy color 35.4103, 0.2838, 0.2589.

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

35.4103, 0.2838, 0.2589

Protanopia

35.6525, 0.2620, 0.2590

Deuteranopia

35.6834, 0.2716, 0.2658



Tritanopia

35.2865, 0.3069, 0.3104

Trichromacy



Original Color

35.4103, 0.2838, 0.2589

Protanomaly

35.2996, 0.2693, 0.2583

Deuteranomaly

35.6102, 0.2763, 0.2639

Tritanomaly

35.3028, 0.2984, 0.2913

Monochromacy



Original Color

35.4103, 0.2838, 0.2589

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.1176, 0.3027, 0.3023

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4103, 0.2838, 0.2589 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(170, 152, 205)` looks like.

```
.text, #text, p{  
    color:rgb(170, 152, 205)  
}
```

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(170, 152, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 152, 205) }
```

Border

The CSS property to change the border of an element to Yxy 35.4103, 0.2838, 0.2589 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(170, 152, 205) }
```

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

```
.border{ border-color:rgb(170, 152, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 152, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 152, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 152, 205);  
box-shadow:4px 4px 4px 4px rgb(170, 152,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4103, 0.2838, 0.2589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 152, 205) }
```

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

```
.background{ background-color: rgb(170,  
152, 205) }
```

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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