

Converting Colors

$Y_{xy}(35.5338, 0.2851, 0.2575)$

Have a look what the booklet for
Yxy(35.5338, 0.2851, 0.2575)
contains.

Yxy(35.3601, 0.2848, 0.2567)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(35.3601, 0.2848, 0.2567)

Conversions

Conversions Part 1

Format	Color
Hex	AC97CE
RGB	172, 151, 206
RGB Percent	67%, 59%, 81%
CMY	0.3253, 0.4079, 0.1921
CMYK	0.16, 0.27, 0.00, 0.19
HSL	263°, 36%, 70%
HSV	263°, 27%, 81%
XYZ	39.2308, 35.3601, 63.1578
YIQ	163.5490, -5.1390, 21.5570

Conversions

Conversions Part 2

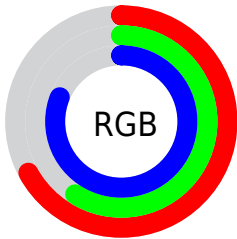
Format	Color
R_{YB}	172, 151, 206
Decimal	11311054
CIE _{Lab}	66.03, 18.71, -25.37
CIE _{LCh}	66, 31.520, 306.407
Yxy	35.3601, 0.2848, 0.2567
Android (android.graphics.Color)	4289501134 (0xFFAC97CE)
YUV	163.5490, 20.9283, 7.4115
Hunter-Lab	59.4644, 13.7004, -21.3476

Details

The Yxy color **35.3601, 0.2848, 0.2567** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **56.6891, 0.3355, 0.3991**, and the grayscale version is **36.8035, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.3766, 0.2957, 0.2772**, and **15.3033, 0.2750, 0.2360** is the 20% darker color. If you saturate the color by 10%, you get **27.9301, 0.2716, 0.2262**, and if you desaturate by 10%, it is **44.0892, 0.2965, 0.2856**.

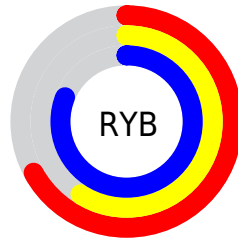
Distribution



Red (67%)

Green (59%)

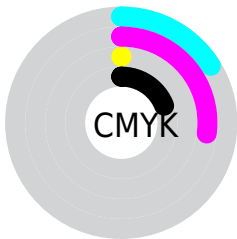
Blue (81%)



Red (67%)

Yellow (59%)

Blue (81%)

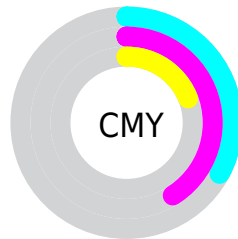


Cyan (16%)

Magenta (27%)

Yellow (0%)

Black (19%)



Cyan (33%)


Magenta (41%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3601, 0.2848, 0.2567 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 35.3601, 0.2848, 0.2567 by changing the saturation by 10% instead.


 35.3601, 0.2848,
0.2567


 35.3601, 0.2848,
0.2567


326.1549, 0.2997,
0.2927

 23.9404, 0.2808,
0.2479


 68.0432, 0.2904,
0.2697

 15.2894, 0.2755,
0.2366


 90.0755, 0.2925,
0.2746

 9.0228, 0.2682,
0.2219


116.4140, 0.2942,
0.2787

 4.7560, 0.2576,
0.2018

147.4432, 0.2957,
0.2823

 2.1048, 0.2409,
0.1731

183.5475, 0.2969,
0.2854

 0.6673, 0.2129,
0.1273

225.1113, 0.2980,

 0.0000, 0.0282,

0.2881

0.0000

272.5190, 0.2989,
0.2905

0.0000, 0.0000,
0.0000

35.3601, 0.2848,
0.2567

35.3601, 0.2848,
0.2567

27.9301, 0.2716,
0.2262

44.0892, 0.2965,
0.2856

21.7306, 0.2571,
0.1949

54.1726, 0.3067,
0.3124

16.6935, 0.2417,
0.1644

65.6675, 0.3154,
0.3367

12.7416, 0.2260,
0.1361

78.6267, 0.3229,
0.3586

9.7885, 0.2107,
0.1118

93.1001, 0.3291,
0.3781

■ 7.7335, 0.1967,
0.0931

■ 95.9928, 0.3373,
0.3777

■ 6.4466, 0.1846,
0.0805

■ 97.2369, 0.3418,
0.3770

■ 6.1149, 0.1811,
0.0771

Harmonies

Analogous

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



35.3601, 0.2470, 0.2523



35.3601, 0.2848, 0.2567



35.3601, 0.3332, 0.2770

Triad

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



35.3601, 0.2848, 0.2567



35.3601, 0.4054, 0.3839



35.3601, 0.2488, 0.3458

Complementary

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



35.3601, 0.2848, 0.2567



56.6891, 0.3355, 0.3991

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.



35.3601, 0.2877, 0.3908



35.3601, 0.2848, 0.2567



35.3601, 0.3786, 0.4105

Square

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



35.3601, 0.2848, 0.2567



35.3601, 0.4061, 0.3470



35.3601, 0.3352, 0.4151



35.3601, 0.2276, 0.2993

Rectangle

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



35.3601, 0.2848, 0.2567



35.3601, 0.3650, 0.2974



35.3601, 0.3352, 0.4151



35.3601, 0.2602, 0.3620

Sweetspot

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



35.3616, 0.2848, 0.2567



85.3583, 0.3054, 0.3088



46.0828, 0.2714, 0.3019



17.7168, 0.3039, 0.3049



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.



35.3616, 0.2848, 0.2567



50.1905, 0.2775, 0.2395



38.6821, 0.3090, 0.2617



11.0499, 0.3041, 0.3055



3.8167, 0.1825, 0.0779



0.2402, 0.2051, 0.0904

Inverse Universe

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



38.7512, 0.3354, 0.2871



56.6689, 0.3416, 0.2778



53.6842, 0.3146, 0.4038



11.3281, 0.3195, 0.3148



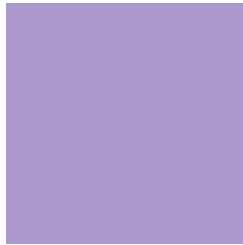
9.0446, 0.4459, 0.2230



0.4811, 0.4152, 0.2061

Previews

White Background



This preview shows how the Yxy color 35.3601, 0.2848, 0.2567 looks on a white background.

Color Contrast Check

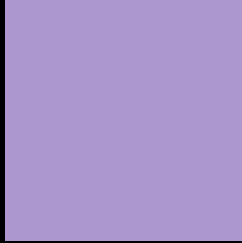
Large Text (above 18pt) WCAG AA × Fail

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 35.3601, 0.2848, 0.2567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

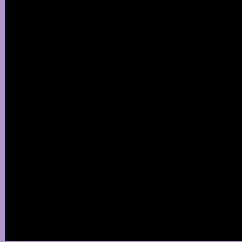
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3601, 0.2848, 0.2567

Background



This preview shows how black text looks on a background with the Yxy color 35.3601, 0.2848, 0.2567.



This preview shows how white text looks on a background with the Yxy color 35.3601, 0.2848, 0.2567.

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

35.3601, 0.2848, 0.2567

Protanopia

35.6607, 0.2599, 0.2564

Deuteranopia

35.6338, 0.2700, 0.2645



Tritanopia

35.4630, 0.3097, 0.3119

Trichromacy



Original Color

35.3601, 0.2848, 0.2567

Protanomaly

35.3986, 0.2678, 0.2560

Deuteranomaly

35.3241, 0.2755, 0.2613

Tritanomaly

35.1864, 0.3003, 0.2901

Monochromacy



Original Color

35.3601, 0.2848, 0.2567

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.2664, 0.3028, 0.3011

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3601, 0.2848, 0.2567 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(172, 151, 206)` looks like.

```
.text, #text, p{  
    color:rgb(172, 151, 206)  
}
```

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(172, 151, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 151, 206) }
```

Border

The CSS property to change the border of an element to Yxy 35.3601, 0.2848, 0.2567 is called "border". The border property can be set on classes, ids or directly on the HTML element.

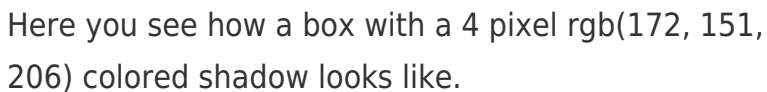
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(172, 151, 206) }
```

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

```
.border{ border-color:rgb(172, 151, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(172, 151, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 151, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 151, 206); box-shadow:4px 4px 4px 4px rgb(172, 151, 206) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3601, 0.2848, 0.2567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 151, 206) }
```

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

```
.background{ background-color: rgb(172,  
151, 206) }
```

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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