

Converting Colors

$Y_{xy}(35.5574, 0.2987, 0.2731)$

Have a look what the booklet for
Yxy(35.5574, 0.2987, 0.2731)
contains.

Yxy(35.5816, 0.2983, 0.2731)	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(35.5816, 0.2983, 0.2731)

Conversions

Conversions Part 1

Format	Color
Hex	B098C2
RGB	176, 152, 194
RGB Percent	69%, 60%, 76%
CMY	0.3099, 0.4039, 0.2393
CMYK	0.09, 0.22, 0.00, 0.24
HSL	274°, 26%, 68%
HSV	274°, 22%, 76%
XYZ	38.8649, 35.5816, 55.8414
YIQ	163.9640, 0.8220, 18.1500

Conversions

Conversions Part 2

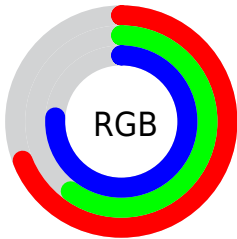
Format	Color
R _Y B	176, 152, 194
Decimal	11573442
CIE Lab	66.20, 16.81, -18.37
CIE LCh	66, 24.898, 312.466
Yxy	35.5816, 0.2983, 0.2731
Android (android.graphics.Color)	4289763522 (0xFFB098C2)
YUV	163.9640, 14.8077, 10.5556
Hunter-Lab	59.6503, 11.9127, -13.7488

Details

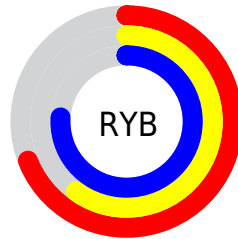
The Yxy color **35.5816, 0.2983, 0.2731** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.3847, 0.3245, 0.3859**, and the grayscale version is **37.0340, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.2635, 0.3011, 0.2825**, and **15.4118, 0.2934, 0.2576** is the 20% darker color. If you saturate the color by 10%, you get **28.8526, 0.2899, 0.2449**, and if you desaturate by 10%, it is **43.4026, 0.3056, 0.3000**.

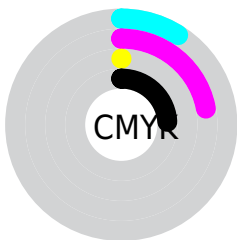
Distribution



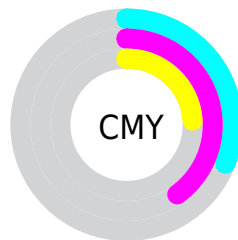
- Red (69%)
- Green (60%)
- Blue (76%)



- Red (69%)
- Yellow (60%)
- Blue (76%)



- Cyan (9%)
- Magenta (22%)
- Yellow (0%)
- Black (24%)





- Cyan (31%)
- Magenta (40%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5816, 0.2983, 0.2731 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 35.5816, 0.2983, 0.2731 by changing the saturation by 10% instead.


 35.5816, 0.2983,
0.2731


 35.5816, 0.2983,
0.2731


327.1281, 0.3062,
0.3012

 24.1112, 0.2961,
0.2661


 68.3858, 0.3013,
0.2833

 15.4162, 0.2932,
0.2571


 90.4884, 0.3024,
0.2872

 9.1120, 0.2891,
0.2451


116.9039, 0.3033,
0.2904

 4.8143, 0.2830,
0.2284

148.0166, 0.3041,
0.2932

 2.1387, 0.2730,
0.2038

184.2110, 0.3047,
0.2956

 0.6863, 0.2552,
0.1618

225.8715, 0.3053,

 0.0000, 0.0124,

0.2977

0.0000

273.3823, 0.3057,
0.2995

0.0000, 0.0000,
0.0000

35.5816, 0.2983,
0.2731

35.5816, 0.2983,
0.2731

28.8526, 0.2899,
0.2449

43.4026, 0.3056,
0.3000

23.1602, 0.2804,
0.2162

52.3589, 0.3118,
0.3251

18.4506, 0.2700,
0.1880

62.4965, 0.3170,
0.3482

14.6632, 0.2588,
0.1615

73.8579, 0.3214,
0.3692

11.7306, 0.2473,
0.1382

86.4831, 0.3250,
0.3882

9.5759, 0.2359,
0.1191

91.5628, 0.3297,
0.3929

8.1072, 0.2251,
0.1051

92.9390, 0.3351,
0.3918

7.2614, 0.2166,
0.0967

94.3812, 0.3406,
0.3907

95.8904, 0.3462,
0.3896

Harmonies

Analogous

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



35.5816, 0.2655, 0.2670



35.5816, 0.2983, 0.2731



35.5816, 0.3371, 0.2919

Triad

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



35.5816, 0.2983, 0.2731



35.5816, 0.3833, 0.3787



35.5816, 0.2572, 0.3350

Complementary

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



35.5816, 0.2983, 0.2731



49.3847, 0.3245, 0.3859

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.



35.5816, 0.2862, 0.3708



35.5816, 0.2983, 0.2731



35.5816, 0.3593, 0.3957

Square

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



35.5816, 0.2983, 0.2731



35.5816, 0.3879, 0.3507



35.5816, 0.3235, 0.3938



35.5816, 0.2430, 0.2999

Rectangle

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



35.5816, 0.2983, 0.2731



35.5816, 0.3608, 0.3097



35.5816, 0.3235, 0.3938



35.5816, 0.2655, 0.3475

Sweetspot

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



35.5831, 0.2983, 0.2731



87.3858, 0.3092, 0.3141



39.3934, 0.2786, 0.2958



18.8989, 0.3087, 0.3124



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.



35.5831, 0.2983, 0.2731



58.4153, 0.2944, 0.2598



37.6959, 0.3177, 0.2792



10.0256, 0.3071, 0.3058



4.8248, 0.2179, 0.0974



0.2485, 0.2405, 0.1099

Inverse Universe

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



36.8290, 0.3378, 0.3055



61.1447, 0.3449, 0.3000



47.6080, 0.3079, 0.3844



10.1480, 0.3223, 0.3192



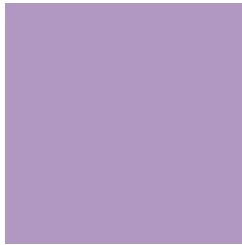
7.9688, 0.5235, 0.2657



0.3581, 0.4672, 0.2348

Previews

White Background



This preview shows how the Yxy color 35.5816, 0.2983, 0.2731 looks on a white background.

Color Contrast Check

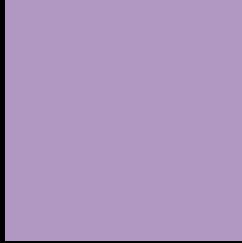
Large Text (above 18pt) WCAG AA × Fail

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 35.5816, 0.2983, 0.2731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

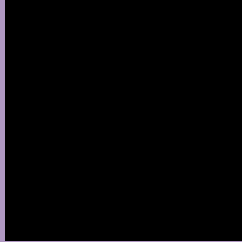
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5816, 0.2983, 0.2731

Background



This preview shows how black text looks on a background with the Yxy color 35.5816, 0.2983, 0.2731.



This preview shows how white text looks on a background with the Yxy color 35.5816, 0.2983, 0.2731.

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

35.5816, 0.2983, 0.2731

Protanopia

35.5952, 0.2737, 0.2732

Deuteranopia

35.5413, 0.2857, 0.2792



Tritanopia

35.7492, 0.3164, 0.3122

Trichromacy



Original Color

35.5816, 0.2983, 0.2731

Protanomaly

35.3852, 0.2825, 0.2727

Deuteranomaly

35.3999, 0.2901, 0.2770

Tritanomaly

35.5413, 0.3094, 0.2973

Monochromacy



Original Color

35.5816, 0.2983, 0.2731

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.5616, 0.3071, 0.3080

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5816, 0.2983, 0.2731 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(176, 152, 194)` looks like.

```
.text, #text, p{  
    color:rgb(176, 152, 194)  
}
```

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(176, 152, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 152, 194) }
```

Border

The CSS property to change the border of an element to Yxy 35.5816, 0.2983, 0.2731 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(176, 152, 194) }
```

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

```
.border{ border-color:rgb(176, 152, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 152, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 152, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 152, 194);  
box-shadow:4px 4px 4px 4px rgb(176, 152,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5816, 0.2983, 0.2731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 152, 194) }
```

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

```
.background{ background-color: rgb(176,  
152, 194) }
```

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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