

Converting Colors

$Y_{xy}(35.4790, 0.2831, 0.2611)$

Have a look what the booklet for
Yxy(35.4790, 0.2831, 0.2611)
contains.

Yxy(35.4669, 0.2829, 0.2611)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.4669, 0.2829, 0.2611)

Conversions

Conversions Part 1

Format	Color
Hex	A899CC
RGB	168, 153, 204
RGB Percent	66%, 60%, 80%
CMY	0.3414, 0.3999, 0.2000
CMYK	0.18, 0.25, 0.00, 0.20
HSL	258°, 33%, 70%
HSV	258°, 25%, 80%
XYZ	38.4281, 35.4669, 61.9414
YIQ	163.2990, -7.4310, 19.0410

Conversions

Conversions Part 2

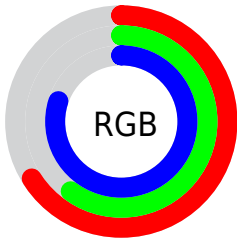
Format	Color
R_{YB}	168, 153, 204
Decimal	11049420
CIE _{Lab}	66.11, 15.80, -24.15
CIE _{LCh}	66, 28.856, 303.189
Yxy	35.4669, 0.2829, 0.2611
Android (android.graphics.Color)	4289239500 (0xFFA899CC)
YUV	163.2990, 20.0656, 4.1228
Hunter-Lab	59.5541, 10.9600, -19.9789

Details

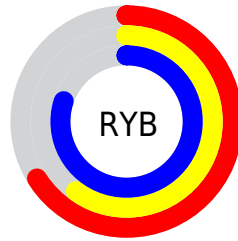
The Yxy color **35.4669, 0.2829, 0.2611** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **56.3112, 0.3378, 0.3934**, and the grayscale version is **36.6781, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.6929, 0.2929, 0.2789**, and **15.3496, 0.2725, 0.2414** is the 20% darker color. If you saturate the color by 10%, you get **27.8543, 0.2681, 0.2300**, and if you desaturate by 10%, it is **44.3997, 0.2961, 0.2902**.

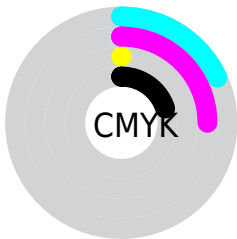
Distribution



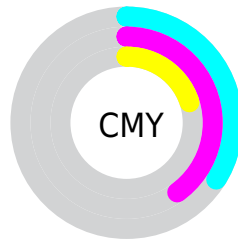
- Red (66%)
- Green (60%)
- Blue (80%)



- Red (66%)
- Yellow (60%)
- Blue (80%)



- Cyan (18%)
- Magenta (25%)
- Yellow (0%)
- Black (20%)





- Cyan (34%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4669, 0.2829, 0.2611 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 35.4669, 0.2829, 0.2611 by changing the saturation by 10% instead.


 35.4669, 0.2829,
0.2611


 35.4669, 0.2829,
0.2611


326.6244, 0.2987,
0.2950

 24.0228, 0.2787,
0.2527


 68.2084, 0.2889,
0.2734

 15.3505, 0.2731,
0.2420


 90.2746, 0.2910,
0.2780

 9.0657, 0.2655,
0.2278


116.6503, 0.2928,
0.2819

 4.7841, 0.2545,
0.2084

147.7198, 0.2944,
0.2853

 2.1211, 0.2373,
0.1805

183.8676, 0.2957,
0.2882

 0.6765, 0.2083,
0.1351

225.4780, 0.2968,

 0.0000, 0.0000,

0.2908

0.0000

272.9355, 0.2978,
0.2930

■ 35.4669, 0.2829,
0.2611

■ 35.4669, 0.2829,
0.2611

■ 27.8543, 0.2681,
0.2300

■ 44.3997, 0.2961,
0.2902

■ 21.4938, 0.2519,
0.1977

■ 54.7077, 0.3076,
0.3168

■ 16.3176, 0.2347,
0.1657

■ 66.4481, 0.3175,
0.3407

■ 12.2497, 0.2174,
0.1356

■ 79.6734, 0.3259,
0.3619

■ 9.2051, 0.2008,
0.1095

■ 94.4199, 0.3331,
0.3807

■ 7.0854, 0.1860,
0.0890

■ 97.0478, 0.3427,
0.3791

■ 5.7723, 0.1738,
0.0753

■ 97.1392, 0.3430,
0.3790

■ 5.3105, 0.1687,
0.0703

Harmonies

Analogous

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



35.4669, 0.2495, 0.2590



35.4669, 0.2829, 0.2611



35.4669, 0.3268, 0.2785

Triad

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



35.4669, 0.2829, 0.2611



35.4669, 0.3989, 0.3766



35.4669, 0.2573, 0.3493

Complementary

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



35.4669, 0.2829, 0.2611



56.3112, 0.3378, 0.3934

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.



35.4669, 0.2945, 0.3887



35.4669, 0.2829, 0.2611



35.4669, 0.3769, 0.4020

Square

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



35.4669, 0.2829, 0.2611



35.4669, 0.3965, 0.3422



35.4669, 0.3383, 0.4081



35.4669, 0.2355, 0.3063

Rectangle

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



35.4669, 0.2829, 0.2611



35.4669, 0.3562, 0.2967



35.4669, 0.3383, 0.4081



35.4669, 0.2683, 0.3637

Sweetspot

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



35.4684, 0.2829, 0.2611



86.8187, 0.3053, 0.3114



47.7669, 0.2746, 0.3097



18.3515, 0.3046, 0.3098



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.



35.4684, 0.2829, 0.2611



51.6620, 0.2751, 0.2445



38.4808, 0.3054, 0.2654



11.0004, 0.3027, 0.3054



3.3847, 0.1700, 0.0710



0.2140, 0.1918, 0.0830

Inverse Universe

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



39.3045, 0.3292, 0.2845



59.1612, 0.3337, 0.2745



53.3824, 0.3178, 0.3976



11.3456, 0.3182, 0.3127



9.3701, 0.4110, 0.2038



0.4962, 0.3894, 0.1919

Previews

White Background



This preview shows how the Yxy color 35.4669, 0.2829, 0.2611 looks on a white background.

Color Contrast Check

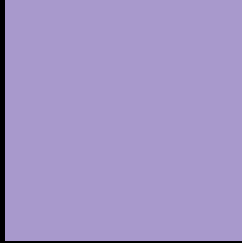
Large Text (above 18pt) WCAG AA × Fail

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 35.4669, 0.2829, 0.2611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

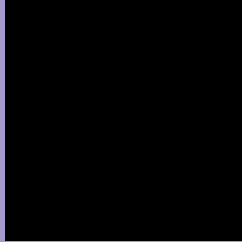
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.4669, 0.2829, 0.2611

Background



This preview shows how black text looks on a background with the Yxy color 35.4669, 0.2829, 0.2611.



This preview shows how white text looks on a background with the Yxy color 35.4669, 0.2829, 0.2611.

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

35.4669, 0.2829, 0.2611

Protanopia

35.6462, 0.2641, 0.2615

Deuteranopia

35.6355, 0.2723, 0.2671



Tritanopia

35.4562, 0.3041, 0.3104

Trichromacy



Original Color

35.4669, 0.2829, 0.2611

Protanomaly

35.5875, 0.2701, 0.2609

Deuteranomaly

35.4597, 0.2762, 0.2650

Tritanomaly

35.4671, 0.2958, 0.2912

Monochromacy



Original Color

35.4669, 0.2829, 0.2611

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.0100, 0.3018, 0.3023

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4669, 0.2829, 0.2611 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(168, 153, 204)` looks like.

```
.text, #text, p{  
  color:rgb(168, 153, 204)  
}
```

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(168, 153, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 153, 204) }
```

Border

The CSS property to change the border of an element to Yxy 35.4669, 0.2829, 0.2611 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(168, 153, 204) }
```

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

```
.border{ border-color:rgb(168, 153, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 153, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 153, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 153, 204);  
box-shadow:4px 4px 4px 4px rgb(168, 153,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4669, 0.2829, 0.2611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 153, 204) }
```

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

```
.background{ background-color: rgb(168,  
153, 204) }
```

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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