

Converting Colors

$Y_{xy}(35.6626, 0.2911, 0.2760)$

Have a look what the booklet for
Yxy(35.6626, 0.2911, 0.2760)
contains.

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Color

Yxy(35.6626, 0.2911, 0.2760)

Conversions

Conversions Part 1

Format	Color
Hex	A89BC2
RGB	168, 155, 194
RGB Percent	66%, 61%, 76%
CMY	0.3410, 0.3922, 0.2392
CMYK	0.13, 0.20, 0.00, 0.24
HSL	260°, 24%, 68%
HSV	260°, 20%, 76%
XYZ	37.6137, 35.6626, 55.9360
YIQ	163.3330, -4.7710, 14.8850

Conversions

Conversions Part 2

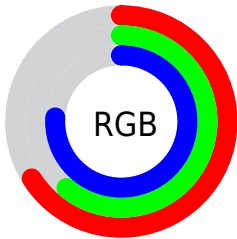
Format	Color
RYB	168, 155, 194
Decimal	11049922
CIELab	66.26, 12.52, -18.35
CIElCh	66, 22.211, 304.296
Yxy	35.6626, 0.2911, 0.2760
Android (android.graphics.Color)	4289240002 (0xFFA89BC2)
YUV	163.3330, 15.1188, 4.0930
Hunter-Lab	59.7182, 7.9221, -13.7322

Details

The Yxy color **35.6626, 0.2911, 0.2760** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.7636, 0.3315, 0.3803**, and the grayscale version is **36.7233, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.2539, 0.2948, 0.2848**, and **15.5071, 0.2847, 0.2615** is the 20% darker color. If you saturate the color by 10%, you get **28.3705, 0.2780, 0.2462**, and if you desaturate by 10%, it is **44.1356, 0.3026, 0.3036**.

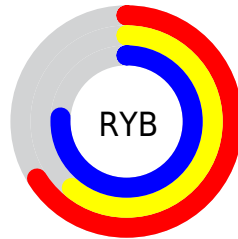
Distribution



Red (66%)

Green (61%)

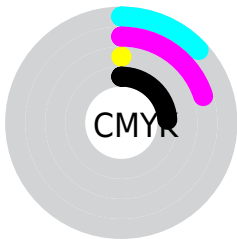
Blue (76%)



Red (66%)

Yellow (61%)

Blue (76%)

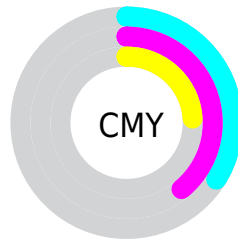


Cyan (13%)

Magenta (20%)

Yellow (0%)

Black (24%)



Cyan (34%)

Magenta (39%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.6626, 0.2911, 0.2760 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 35.6626, 0.2911, 0.2760 by changing the saturation by 10% instead.

■ 35.6626, 0.2911,
0.2760

■ 35.6626, 0.2911,
0.2760

■ 327.4834, 0.3026,
0.3028

■ 24.1737, 0.2880,
0.2693

■ 68.5110, 0.2954,
0.2858

■ 15.4625, 0.2839,
0.2606

■ 90.6393, 0.2970,
0.2894

■ 9.1446, 0.2783,
0.2490

■ 117.0828, 0.2983,
0.2925

■ 4.8357, 0.2700,
0.2328

■ 148.2261, 0.2994,
0.2952

■ 2.1512, 0.2569,
0.2087

■ 184.4533, 0.3004,
0.2975

■ 0.6932, 0.2339,
0.1671

■ 226.1491, 0.3012,

■ 0.0000, 0.0000,

0.2995

0.0000

273.6976, 0.3019,
0.3012

■ 35.6626, 0.2911,
0.2760

■ 35.6626, 0.2911,
0.2760

■ 28.3705, 0.2780,
0.2462

■ 44.1356, 0.3026,
0.3036

■ 22.2012, 0.2633,
0.2149

■ 53.8351, 0.3126,
0.3287

■ 17.0986, 0.2475,
0.1832

■ 64.8096, 0.3212,
0.3513

■ 12.9996, 0.2310,
0.1526

■ 77.1038, 0.3284,
0.3714

■ 9.8343, 0.2146,
0.1248

■ 90.7601, 0.3345,
0.3892

■ 7.5236, 0.1991,
0.1017

■ 94.9141, 0.3426,
0.3903

■ 5.9743, 0.1855,
0.0847

■ 96.6748, 0.3490,
0.3890

■ 5.0163, 0.1744,
0.0734

Harmonies

Analogous

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



35.6626, 0.2643, 0.2742



35.6626, 0.2911, 0.2760



35.6626, 0.3251, 0.2901

Triad

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



35.6626, 0.2911, 0.2760



35.6626, 0.3787, 0.3677



35.6626, 0.2691, 0.3435

Complementary

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



35.6626, 0.2911, 0.2760



50.7636, 0.3315, 0.3803

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.



35.6626, 0.2979, 0.3731



35.6626, 0.2911, 0.2760



35.6626, 0.3616, 0.3859

Square

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



35.6626, 0.2911, 0.2760



35.6626, 0.3773, 0.3412



35.6626, 0.3318, 0.3888



35.6626, 0.2522, 0.3112

Rectangle

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



35.6626, 0.2911, 0.2760



35.6626, 0.3474, 0.3049



35.6626, 0.3318, 0.3888



35.6626, 0.2776, 0.3543

Sweetspot

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



35.6641, 0.2911, 0.2760



86.7441, 0.3068, 0.3140



43.9072, 0.2819, 0.3112



18.7438, 0.3061, 0.3123



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.



35.6641, 0.2911, 0.2760



58.7137, 0.2857, 0.2635



37.9614, 0.3089, 0.2788



9.9081, 0.3034, 0.3056



3.3388, 0.1757, 0.0741



0.1825, 0.2017, 0.0885

Inverse Universe

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



38.2417, 0.3270, 0.2956



64.2541, 0.3306, 0.2882



48.5754, 0.3154, 0.3829



10.1883, 0.3188, 0.3138



8.5997, 0.4265, 0.2123



0.3840, 0.3974, 0.1963

Previews

White Background



This preview shows how the Yxy color 35.6626, 0.2911, 0.2760 looks on a white background.

Color Contrast Check

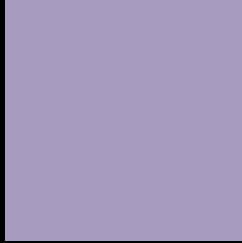
Large Text (above 18pt) WCAG AA × Fail

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 35.6626, 0.2911, 0.2760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

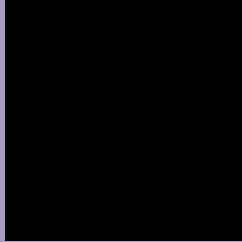
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.6626, 0.2911, 0.2760

Background



This preview shows how black text looks on a background with the Yxy color 35.6626, 0.2911, 0.2760.



This preview shows how white text looks on a background with the Yxy color 35.6626, 0.2911, 0.2760.

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

35.6626, 0.2911, 0.2760

Protanopia

35.9451, 0.2761, 0.2773

Deuteranopia

35.5413, 0.2857, 0.2792



Tritanopia

35.6673, 0.3060, 0.3105

Trichromacy



Original Color

35.6626, 0.2911, 0.2760

Protanomaly

35.7083, 0.2809, 0.2764

Deuteranomaly

35.5197, 0.2883, 0.2781

Tritanomaly

35.7483, 0.3001, 0.2981

Monochromacy



Original Color

35.6626, 0.2911, 0.2760

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.1969, 0.3052, 0.3092

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6626, 0.2911, 0.2760 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, 155, 194)` looks like.

```
.text, #text, p{  
    color:rgb(168, 155, 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(168, 155, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 155, 194) }
```

Border

The CSS property to change the border of an element to Yxy 35.6626, 0.2911, 0.2760 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, 155, 194) }
```

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

```
.border{ border-color:rgb(168, 155, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 155, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 155, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 155, 194);  
box-shadow:4px 4px 4px 4px rgb(168, 155,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6626, 0.2911, 0.2760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 155, 194) }
```

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

```
.background{ background-color: rgb(168,  
155, 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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