

Converting Colors

$Yxy(35.1201, 0.2909, 0.2891)$

Have a look what the booklet for
Yxy(35.1201, 0.2909, 0.2891)
contains.

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Color

Yxy(35.0903, 0.2913, 0.2895)

Conversions

Conversions Part 1

Format	Color
Hex	A09DB9
RGB	160, 157, 185
RGB Percent	63%, 62%, 73%
CMY	0.3726, 0.3843, 0.2745
CMYK	0.14, 0.15, 0.00, 0.27
HSL	246°, 17%, 67%
HSV	246°, 15%, 73%
XYZ	35.3085, 35.0903, 50.8112
YIQ	161.0890, -7.2000, 9.3440

Conversions

Conversions Part 2

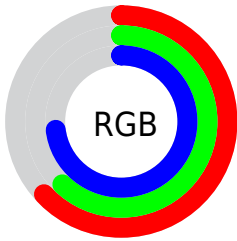
Format	Color
R_{YB}	160, 157, 185
Decimal	10526137
CIE _{Lab}	65.82, 6.76, -14.06
CIE _{LCh}	66, 15.605, 295.688
Yxy	35.0903, 0.2913, 0.2895
Android (android.graphics.Color)	4288716217 (0xFFA09DB9)
YUV	161.0890, 11.7881, -0.9551
Hunter-Lab	59.2371, 2.7307, -9.3907

Details

The Yxy color **35.0903, 0.2913, 0.2895** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.0814, 0.3324, 0.3662**, and the grayscale version is **35.6305, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8849, 0.2957, 0.2976**, and **15.1622, 0.2839, 0.2777** is the 20% darker color. If you saturate the color by 10%, you get **27.7060, 0.2747, 0.2596**, and if you desaturate by 10%, it is **43.6520, 0.3059, 0.3164**.

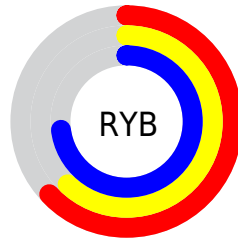
Distribution



Red (63%)

Green (62%)

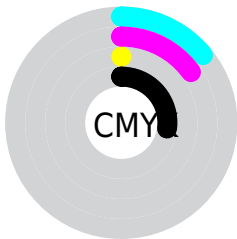
Blue (73%)



Red (63%)

Yellow (62%)

Blue (73%)

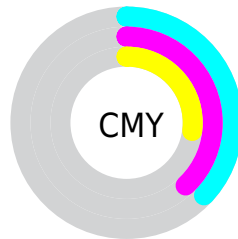


Cyan (14%)

Magenta (15%)

Yellow (0%)

Black (27%)



Cyan (37%)


Magenta (38%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.0903, 0.2913, 0.2895 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 35.0903, 0.2913, 0.2895 by changing the saturation by 10% instead.


 35.0903, 0.2913,
0.2895


 35.0903, 0.2913,
0.2895

324.9667, 0.3026,
0.3098

 23.7324, 0.2883,
0.2843


 67.6256, 0.2955,
0.2970

 15.1353, 0.2843,
0.2775


 89.5719, 0.2971,
0.2998

 8.9144, 0.2789,
0.2683


115.8164, 0.2984,
0.3021

 4.6854, 0.2708,
0.2551

146.7436, 0.2995,
0.3041

 2.0639, 0.2579,
0.2349

182.7378, 0.3004,
0.3058

 0.6442, 0.2355,
0.1952

224.1835, 0.3012,

 0.0000, 0.0000,

0.3073

0.0000

271.4650, 0.3019,
0.3086

■ 35.0903, 0.2913,
0.2895

■ 35.0903, 0.2913,
0.2895

■ 27.7060, 0.2747,
0.2596

■ 43.6520, 0.3059,
0.3164

■ 21.4434, 0.2565,
0.2271

■ 53.4349, 0.3187,
0.3402

■ 16.2488, 0.2369,
0.1930

■ 64.4859, 0.3297,
0.3610

■ 12.0623, 0.2168,
0.1590

■ 76.8483, 0.3391,
0.3791

■ 8.8181, 0.1975,
0.1271

■ 90.5631, 0.3472,
0.3948

■ 6.4426, 0.1802,
0.0997

■ 96.2828, 0.3544,
0.3979

■ 4.8511, 0.1664,
0.0791

■ 3.9412, 0.1569,
0.0663

■ 3.6480, 0.1537,
0.0620

Harmonies

Analogous

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



35.0903, 0.2742, 0.2914



35.0903, 0.2913, 0.2895



35.0903, 0.3147, 0.2973

Triad

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



35.0903, 0.2913, 0.2895



35.0903, 0.3603, 0.3521



35.0903, 0.2870, 0.3458

Complementary

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



35.0903, 0.2913, 0.2895



47.0814, 0.3324, 0.3662

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.



35.0903, 0.3094, 0.3640



35.0903, 0.2913, 0.2895



35.0903, 0.3521, 0.3667

Square

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



35.0903, 0.2913, 0.2895



35.0903, 0.3553, 0.3324



35.0903, 0.3332, 0.3716



35.0903, 0.2719, 0.3232

Rectangle

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



35.0903, 0.2913, 0.2895



35.0903, 0.3308, 0.3069



35.0903, 0.3332, 0.3716



35.0903, 0.2939, 0.3527

Sweetspot

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



35.0918, 0.2913, 0.2895



78.2597, 0.3060, 0.3165



44.2106, 0.2900, 0.3251



16.6256, 0.3051, 0.3148



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.0918, 0.2913, 0.2895



58.4405, 0.2863, 0.2804



36.5961, 0.3039, 0.2910



8.7639, 0.3000, 0.3055



2.5000, 0.1543, 0.0624



0.1033, 0.1696, 0.0708

Inverse Universe

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



37.8100, 0.3171, 0.2960



64.2079, 0.3181, 0.2889



45.4805, 0.3204, 0.3677



9.1459, 0.3153, 0.3088



8.8878, 0.3492, 0.1697



0.3181, 0.3410, 0.1652

Previews

White Background



This preview shows how the Yxy color 35.0903, 0.2913, 0.2895 looks on a white background.

Color Contrast Check

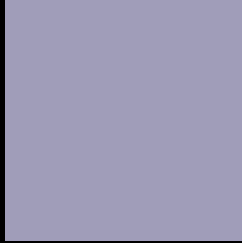
Large Text (above 18pt) WCAG AA × Fail

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 35.0903, 0.2913, 0.2895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

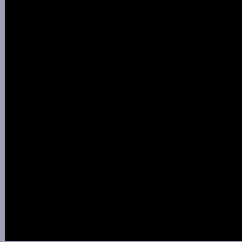
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0903, 0.2913, 0.2895

Background



This preview shows how black text looks on a background with the Yxy color 35.0903, 0.2913, 0.2895.



This preview shows how white text looks on a background with the Yxy color 35.0903, 0.2913, 0.2895.

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

35.0903, 0.2913, 0.2895

Protanopia

35.3100, 0.2862, 0.2906

Deuteranopia

35.0662, 0.2940, 0.2884



Tritanopia

35.0439, 0.3004, 0.3101

Trichromacy



Original Color

35.0903, 0.2913, 0.2895

Protanomaly

35.1670, 0.2879, 0.2893

Deuteranomaly

34.9611, 0.2931, 0.2883

Tritanomaly

34.9990, 0.2971, 0.3017

Monochromacy



Original Color

35.0903, 0.2913, 0.2895

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.6210, 0.3049, 0.3146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0903, 0.2913, 0.2895 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(160, 157, 185)` looks like.

```
.text, #text, p{  
    color:rgb(160, 157, 185)  
}
```

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(160, 157, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 157, 185) }
```

Border

The CSS property to change the border of an element to Yxy 35.0903, 0.2913, 0.2895 is called "border". The border property can be set on classes, ids or directly on the HTML element.

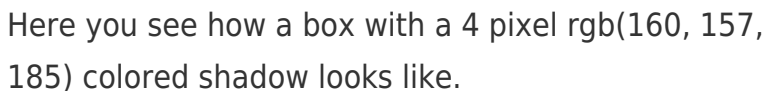
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(160, 157, 185) }
```

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

```
.border{ border-color:rgb(160, 157, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(160, 157, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 157, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 157, 185); box-shadow:4px 4px 4px 4px rgb(160, 157, 185) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0903, 0.2913, 0.2895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 157, 185) }
```

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

```
.background{ background-color: rgb(160,  
157, 185) }
```

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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