

Converting Colors

$Yxy(35.9751, 0.3285, 0.3196)$

Have a look what the booklet for
Yxy(35.9751, 0.3285, 0.3196)
contains.

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Color

Yxy(35.8863, 0.3280, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	B29CA3
RGB	178, 156, 163
RGB Percent	70%, 61%, 64%
CMY	0.3019, 0.3883, 0.3607
CMYK	0.00, 0.12, 0.08, 0.30
HSL	341°, 13%, 65%
HSV	341°, 12%, 70%
XYZ	36.8641, 35.8863, 39.6401
YIQ	163.3760, 10.8650, 6.8410

Conversions

Conversions Part 2

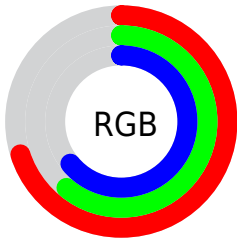
Format	Color
RYB	178, 156, 163
Decimal	11705507
CIELab	66.43, 9.32, -0.68
CIElCh	66, 9.346, 355.809
Yxy	35.8863, 0.3280, 0.3193
Android (android.graphics.Color)	4289895587 (0xFFB29CA3)
YUV	163.3760, -0.1854, 12.8252
Hunter-Lab	59.9052, 5.0102, 2.7005

Details

The Yxy color **35.8863, 0.3280, 0.3193** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.8577, 0.2995, 0.3389**, and the grayscale version is **36.8120, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1429, 0.3250, 0.3216**, and **15.6108, 0.3330, 0.3174** is the 20% darker color. If you saturate the color by 10%, you get **29.9307, 0.3435, 0.3110**, and if you desaturate by 10%, it is **42.7624, 0.3154, 0.3272**.

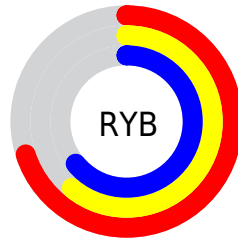
Distribution



Red (70%)

Green (61%)

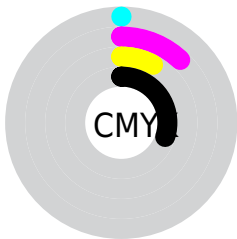
Blue (64%)



Red (70%)

Yellow (61%)

Blue (64%)

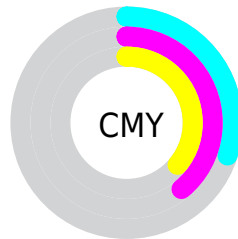


Cyan (0%)

Magenta (12%)

Yellow (8%)

Black (30%)



Cyan (30%)

Magenta (39%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.8863, 0.3280, 0.3193 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 35.8863, 0.3280, 0.3193 by changing the saturation by 10% instead.

 35.8863, 0.3280,
0.3193


 35.8863, 0.3280,
0.3193


328.4633, 0.3200,
0.3244

 24.3464, 0.3301,
0.3180


 68.8565, 0.3250,
0.3212

 15.5908, 0.3329,
0.3162


 91.0557, 0.3239,
0.3219

 9.2350, 0.3367,
0.3138


117.5766, 0.3230,
0.3225

 4.8948, 0.3423,
0.3103

148.8039, 0.3222,
0.3230

 2.1857, 0.3514,
0.3046

185.1218, 0.3216,
0.3234

 0.7122, 0.3711,
0.2917


226.9147, 0.3210,

 0.0000, 0.0000,


0.3237

0.0000


274.5671, 0.3205,
0.3241


 35.8863, 0.3280,
0.3193


 35.8863, 0.3280,
0.3193


 29.9307, 0.3435,
0.3110


 42.7624, 0.3154,
0.3272

 24.8517, 0.3623,
0.3024


 50.5911, 0.3050,
0.3346


 20.6090, 0.3849,
0.2940

 59.4085, 0.2966,
0.3413

 17.1572, 0.4117,
0.2864

 69.2477, 0.2896,
0.3475

 14.4466, 0.4426,
0.2806

 80.1401, 0.2839,
0.3532

■ 12.4217, 0.4766,
0.2776

■ 87.0318, 0.2785,
0.3501

■ 11.0191, 0.5119,
0.2786

■ 87.7603, 0.2725,
0.3366

■ 10.1635, 0.5455,
0.2843

■ 88.2077, 0.2691,
0.3289

■ 9.7603, 0.5689,
0.2908

Harmonies

Analogous

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



35.8863, 0.3141, 0.3098



35.8863, 0.3280, 0.3193



35.8863, 0.3379, 0.3314

Triad

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



35.8863, 0.3280, 0.3193



35.8863, 0.3250, 0.3540



35.8863, 0.2854, 0.3139

Complementary

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



35.8863, 0.3280, 0.3193



41.8577, 0.2995, 0.3389

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.



35.8863, 0.2882, 0.3258



35.8863, 0.3280, 0.3193



35.8863, 0.3109, 0.3494

Square

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



35.8863, 0.3280, 0.3193



35.8863, 0.3361, 0.3516



35.8863, 0.2974, 0.3389



35.8863, 0.2897, 0.3065

Rectangle

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



35.8863, 0.3280, 0.3193



35.8863, 0.3407, 0.3395



35.8863, 0.2974, 0.3389



35.8863, 0.2855, 0.3175

Sweetspot

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



35.8879, 0.3280, 0.3193



75.2916, 0.3173, 0.3259



35.6127, 0.3071, 0.2984



16.4659, 0.3182, 0.3253



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



35.8879, 0.3280, 0.3193



61.7774, 0.3321, 0.3169



36.8940, 0.3340, 0.3342



8.5484, 0.3239, 0.3218



6.9920, 0.5659, 0.2891



0.2309, 0.4858, 0.2450

Inverse Universe

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



35.8879, 0.3280, 0.3193



61.7774, 0.3321, 0.3169



40.6908, 0.2940, 0.3238



8.5484, 0.3239, 0.3218



6.9920, 0.5659, 0.2891



0.2309, 0.4858, 0.2450

Previews

White Background



This preview shows how the Yxy color 35.8863, 0.3280, 0.3193 looks on a white background.

Color Contrast Check

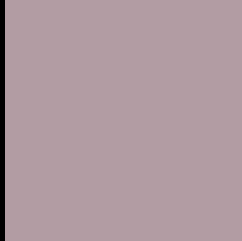
Large Text (above 18pt) WCAG AA × Fail

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 35.8863, 0.3280, 0.3193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

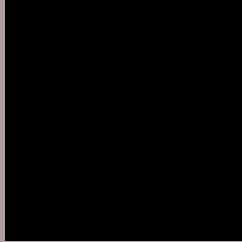
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.8863, 0.3280, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 35.8863, 0.3280, 0.3193.



This preview shows how white text looks on a background with the Yxy color 35.8863, 0.3280, 0.3193.

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

35.8863, 0.3280, 0.3193

Protanopia

36.0294, 0.3102, 0.3218

Deuteranopia

36.1054, 0.3269, 0.3207



Tritanopia

35.8164, 0.3253, 0.3125

Trichromacy



Original Color

35.8863, 0.3280, 0.3193

Protanomaly

35.8377, 0.3160, 0.3205

Deuteranomaly

36.1054, 0.3269, 0.3207

Tritanomaly

35.7796, 0.3263, 0.3139

Monochromacy



Original Color

35.8863, 0.3280, 0.3193

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.1108, 0.3177, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8863, 0.3280, 0.3193 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(178, 156, 163)` looks like.

```
.text, #text, p{  
    color:rgb(178, 156, 163)  
}
```

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(178, 156, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 156, 163) }
```

Border

The CSS property to change the border of an element to Yxy 35.8863, 0.3280, 0.3193 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(178, 156, 163) }
```

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

```
.border{ border-color:rgb(178, 156, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 156, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 156, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 156, 163);  
box-shadow:4px 4px 4px 4px rgb(178, 156,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8863, 0.3280, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 156, 163) }
```

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

```
.background{ background-color: rgb(178,  
156, 163) }
```

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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