

Converting Colors

$Yxy(35.7950, 0.3315, 0.3237)$

Have a look what the booklet for
Yxy(35.7950, 0.3315, 0.3237)
contains.

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Color

Yxy(35.7800, 0.3308, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	B29CA0
RGB	178, 156, 160
RGB Percent	70%, 61%, 63%
CMY	0.3021, 0.3882, 0.3725
CMYK	0.00, 0.12, 0.10, 0.30
HSL	349°, 12%, 65%
HSV	349°, 12%, 70%
XYZ	36.5874, 35.7800, 38.2354
YIQ	163.0340, 11.8280, 5.9080

Conversions

Conversions Part 2

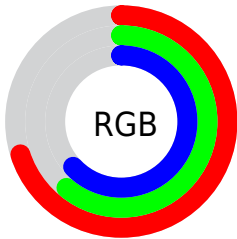
Format	Color
RYB	178, 156, 160
Decimal	11705504
CIELab	66.35, 8.76, 0.88
CIELCh	66, 8.802, 5.763
Yxy	35.7800, 0.3308, 0.3235
Android (android.graphics.Color)	4289895584 (0xFFB29CA0)
YUV	163.0340, -1.4958, 13.1252
Hunter-Lab	59.8164, 4.5030, 3.9726

Details

The Yxy color **35.7800, 0.3308, 0.3235** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.9513, 0.2972, 0.3346**, and the grayscale version is **36.6449, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.9873, 0.3271, 0.3248**, and **15.5673, 0.3358, 0.3213** is the 20% darker color. If you saturate the color by 10%, you get **29.7589, 0.3493, 0.3187**, and if you desaturate by 10%, it is **42.7391, 0.3158, 0.3280**.

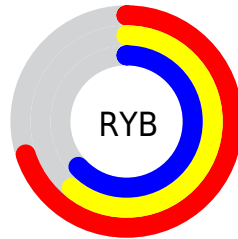
Distribution



Red (70%)

Green (61%)

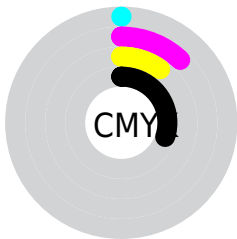
Blue (63%)



Red (70%)

Yellow (61%)

Blue (63%)

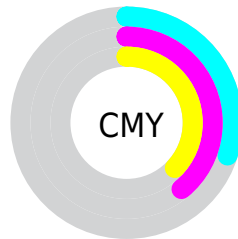


Cyan (0%)

Magenta (12%)

Yellow (10%)

Black (30%)



Cyan (30%)


Magenta (39%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7800, 0.3308, 0.3235 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 35.7800, 0.3308, 0.3235 by changing the saturation by 10% instead.


 35.7800, 0.3308,
0.3235


 35.7800, 0.3308,
0.3235


327.9979, 0.3213,
0.3264

 24.2643, 0.3333,
0.3227


 68.6924, 0.3273,
0.3246

 15.5298, 0.3366,
0.3217


 90.8579, 0.3260,
0.3250

 9.1921, 0.3412,
0.3202


117.3421, 0.3249,
0.3253

 4.8667, 0.3480,
0.3181

148.5294, 0.3240,
0.3256

 2.1692, 0.3589,
0.3146

184.8043, 0.3232,
0.3259

 0.7031, 0.3855,
0.3071


226.5511, 0.3225,


 0.0000, 0.0000,


0.3261


0.0000


274.1542, 0.3219,
0.3262


 35.7800, 0.3308,
0.3235

 35.7800, 0.3308,
0.3235

 29.7589, 0.3493,
0.3187


 42.7391, 0.3158,
0.3280


 24.6311, 0.3722,
0.3139


 50.6689, 0.3036,
0.3322

 20.3554, 0.3999,
0.3091

 59.6066, 0.2937,
0.3360

 16.8853, 0.4331,
0.3050

 69.5859, 0.2857,
0.3394

 14.1701, 0.4711,
0.3022

 80.6387, 0.2791,
0.3426

■ 12.1532, 0.5125,
0.3016

■ 87.7207, 0.2727,
0.3371

■ 10.7698, 0.5535,
0.3039

■ 88.2007, 0.2691,
0.3289

■ 9.9432, 0.5895,
0.3093

■ 9.5666, 0.6117,
0.3143

Harmonies

Analogous

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



35.7800, 0.3186, 0.3134



35.7800, 0.3308, 0.3235



35.7800, 0.3382, 0.3352

Triad

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



35.7800, 0.3308, 0.3235



35.7800, 0.3201, 0.3518



35.7800, 0.2875, 0.3119

Complementary

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



35.7800, 0.3308, 0.3235



41.9513, 0.2972, 0.3346

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.



35.7800, 0.2879, 0.3220



35.7800, 0.3308, 0.3235



35.7800, 0.3065, 0.3454

Square

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



35.7800, 0.3308, 0.3235



35.7800, 0.3318, 0.3518



35.7800, 0.2948, 0.3343



35.7800, 0.2937, 0.3067

Rectangle

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



35.7800, 0.3308, 0.3235



35.7800, 0.3392, 0.3424



35.7800, 0.2948, 0.3343



35.7800, 0.2869, 0.3148

Sweetspot

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



35.7816, 0.3308, 0.3235



75.2221, 0.3182, 0.3272



35.9875, 0.3103, 0.2988



16.4478, 0.3192, 0.3269



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.



35.7816, 0.3308, 0.3235



61.5454, 0.3358, 0.3221



38.0443, 0.3334, 0.3387



8.5296, 0.3259, 0.3249



6.8550, 0.6092, 0.3130



0.2232, 0.5384, 0.2740

Inverse Universe

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



35.7816, 0.3308, 0.3235



61.5454, 0.3358, 0.3221



39.4137, 0.2940, 0.3191



8.5296, 0.3259, 0.3249



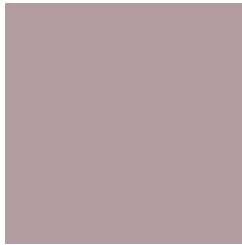
6.8550, 0.6092, 0.3130



0.2232, 0.5384, 0.2740

Previews

White Background



This preview shows how the Yxy color 35.7800, 0.3308, 0.3235 looks on a white background.

Color Contrast Check

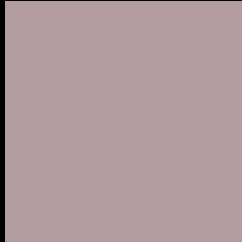
Large Text (above 18pt) WCAG AA × Fail

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 35.7800, 0.3308, 0.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

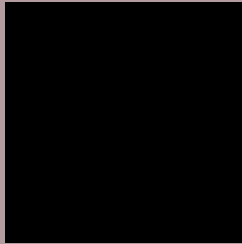
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.7800, 0.3308, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 35.7800, 0.3308, 0.3235.



This preview shows how white text looks on a background with the Yxy color 35.7800, 0.3308, 0.3235.

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

35.7800, 0.3308, 0.3235

Protanopia

36.0266, 0.3138, 0.3261

Deuteranopia

35.6621, 0.3298, 0.3235



Tritanopia

35.8164, 0.3253, 0.3125

Trichromacy



Original Color

35.7800, 0.3308, 0.3235

Protanomaly

35.8399, 0.3197, 0.3247

Deuteranomaly

35.6621, 0.3298, 0.3235

Tritanomaly

35.7067, 0.3282, 0.3166

Monochromacy



Original Color

35.7800, 0.3308, 0.3235

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.0751, 0.3186, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7800, 0.3308, 0.3235 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, 160)` looks like.

```
.text, #text, p{  
    color:rgb(178, 156, 160)  
}
```

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, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 156, 160) }
```

Border

The CSS property to change the border of an element to Yxy 35.7800, 0.3308, 0.3235 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, 160) }
```

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

```
.border{ border-color:rgb(178, 156, 160) }
```

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, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 156, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 156, 160);  
box-shadow:4px 4px 4px 4px rgb(178, 156,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7800, 0.3308, 0.3235 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, 160) }
```

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

```
.background{ background-color: rgb(178,  
156, 160) }
```

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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