

Converting Colors

Yxy(35.3644, 0.3315, 0.3177)

Have a look what the booklet for
Yxy(35.3644, 0.3315, 0.3177)
contains.

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Color

Yxy(35.4231, 0.3312, 0.3180)

Conversions

Conversions Part 1

Format	Color
Hex	B49AA2
RGB	180, 154, 162
RGB Percent	71%, 60%, 64%
CMY	0.2943, 0.3960, 0.3647
CMYK	0.00, 0.14, 0.10, 0.29
HSL	342°, 15%, 65%
HSV	342°, 14%, 71%
XYZ	36.8935, 35.4231, 39.0768
YIQ	162.6860, 12.9280, 8.0000

Conversions

Conversions Part 2

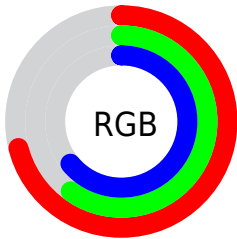
Format	Color
RYB	180, 154, 162
Decimal	11836066
CIELab	66.08, 10.95, -0.62
CIELCh	66, 10.970, 356.773
Yxy	35.4231, 0.3312, 0.3180
Android (android.graphics.Color)	4290026146 (0xFFB49AA2)
YUV	162.6860, -0.3382, 15.1844
Hunter-Lab	59.5173, 6.4930, 2.7346

Details

The Yxy color **35.4231, 0.3312, 0.3180** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.4775, 0.2971, 0.3403**, and the grayscale version is **36.4665, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9544, 0.3275, 0.3195**, and **15.3383, 0.3378, 0.3156** is the 20% darker color. If you saturate the color by 10%, you get **29.5006, 0.3476, 0.3099**, and if you desaturate by 10%, it is **42.2832, 0.3178, 0.3257**.

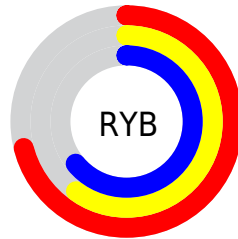
Distribution



Red (71%)

Green (60%)

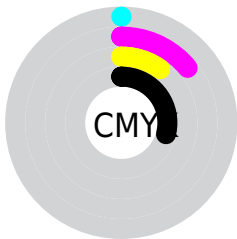
Blue (64%)



Red (71%)

Yellow (60%)

Blue (64%)

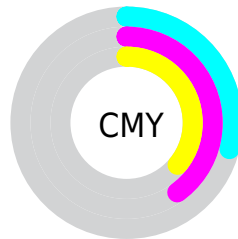


Cyan (0%)

Magenta (14%)

Yellow (10%)

Black (29%)



Cyan (29%)


Magenta (40%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4231, 0.3312, 0.3180 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 35.4231, 0.3312, 0.3180 by changing the saturation by 10% instead.


 35.4231, 0.3312,
0.3180


 35.4231, 0.3312,
0.3180


326.4319, 0.3215,
0.3237

 23.9890, 0.3338,
0.3165


 68.1407, 0.3276,
0.3201

 15.3254, 0.3371,
0.3145


 90.1930, 0.3263,
0.3209

 9.0481, 0.3418,
0.3117


116.5534, 0.3252,
0.3216

 4.7726, 0.3487,
0.3077

147.6064, 0.3242,
0.3222

 2.1144, 0.3598,
0.3012

183.7364, 0.3234,
0.3226

 0.6727, 0.3855,
0.2854

225.3277, 0.3227,

 0.0000, 0.0000,

0.3231

0.0000


272.7647, 0.3221,
0.3234


 35.4231, 0.3312,
0.3180

 35.4231, 0.3312,
0.3180


 29.5006, 0.3476,
0.3099


 42.2832, 0.3178,
0.3257

 24.4704, 0.3675,
0.3016


 50.1146, 0.3069,
0.3330

 20.2900, 0.3914,
0.2936

 58.9548, 0.2980,
0.3396

 16.9122, 0.4197,
0.2865

 68.8382, 0.2906,
0.3457

 14.2845, 0.4519,
0.2814

 79.7974, 0.2846,
0.3513

■ 12.3485, 0.4870,
0.2794

■ 87.3185, 0.2790,
0.3489

■ 11.0369, 0.5228,
0.2815

■ 88.0711, 0.2729,
0.3351

■ 10.2688, 0.5560,
0.2883

■ 88.4390, 0.2701,
0.3289

■ 9.9787, 0.5730,
0.2930

Harmonies

Analogous

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



35.4231, 0.3148, 0.3068



35.4231, 0.3312, 0.3180



35.4231, 0.3427, 0.3322

Triad

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



35.4231, 0.3312, 0.3180



35.4231, 0.3267, 0.3585



35.4231, 0.2806, 0.3108

Complementary

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



35.4231, 0.3312, 0.3180



42.4775, 0.2971, 0.3403

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.



35.4231, 0.2836, 0.3246



35.4231, 0.3312, 0.3180



35.4231, 0.3099, 0.3528

Square

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



35.4231, 0.3312, 0.3180



35.4231, 0.3400, 0.3558



35.4231, 0.2942, 0.3402



35.4231, 0.2859, 0.3024

Rectangle

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



35.4231, 0.3312, 0.3180



35.4231, 0.3459, 0.3417



35.4231, 0.2942, 0.3402



35.4231, 0.2807, 0.3149

Sweetspot

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



35.4247, 0.3312, 0.3180



77.1687, 0.3174, 0.3260



35.1528, 0.3065, 0.2932



16.4644, 0.3183, 0.3254



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.



35.4247, 0.3312, 0.3180



61.0029, 0.3356, 0.3157



36.7513, 0.3380, 0.3357



8.5469, 0.3240, 0.3220



6.9783, 0.5698, 0.2913



0.2303, 0.4894, 0.2470

Inverse Universe

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



35.4247, 0.3312, 0.3180



61.0029, 0.3356, 0.3157



40.9063, 0.2909, 0.3222



8.5469, 0.3240, 0.3220



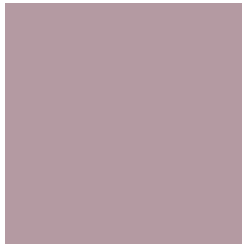
6.9783, 0.5698, 0.2913



0.2303, 0.4894, 0.2470

Previews

White Background



This preview shows how the Yxy color 35.4231, 0.3312, 0.3180 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 35.4231, 0.3312, 0.3180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

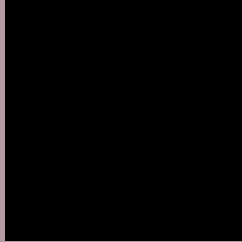
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.4231, 0.3312, 0.3180

Background



This preview shows how black text looks on a background with the Yxy color 35.4231, 0.3312, 0.3180.



This preview shows how white text looks on a background with the Yxy color 35.4231, 0.3312, 0.3180.

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

35.4231, 0.3312, 0.3180

Protanopia

35.5396, 0.3102, 0.3218

Deuteranopia

35.6157, 0.3269, 0.3207



Tritanopia

35.2024, 0.3285, 0.3125

Trichromacy



Original Color

35.4231, 0.3312, 0.3180

Protanomaly

35.5691, 0.3180, 0.3205

Deuteranomaly

35.3984, 0.3281, 0.3193

Tritanomaly

35.1661, 0.3295, 0.3139

Monochromacy



Original Color

35.4231, 0.3312, 0.3180

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.2210, 0.3187, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4231, 0.3312, 0.3180 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(180, 154, 162)` looks like.

```
.text, #text, p{  
    color:rgb(180, 154, 162)  
}
```

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(180, 154, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 154, 162) }
```

Border

The CSS property to change the border of an element to Yxy 35.4231, 0.3312, 0.3180 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(180, 154, 162) }
```

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

```
.border{ border-color:rgb(180, 154, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 154, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 154, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 154, 162);  
box-shadow:4px 4px 4px 4px rgb(180, 154,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4231, 0.3312, 0.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 154, 162) }
```

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

```
.background{ background-color: rgb(180,  
154, 162) }
```

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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