

Converting Colors

$Yxy(33.7117, 0.3042, 0.2806)$

Have a look what the booklet for
Yxy(33.7117, 0.3042, 0.2806)
contains.

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Color

Yxy(33.8398, 0.3042, 0.2810)

Conversions

Conversions Part 1

Format	Color
Hex	AD95B8
RGB	173, 149, 184
RGB Percent	68%, 58%, 72%
CMY	0.3216, 0.4157, 0.2784
CMYK	0.06, 0.19, 0.00, 0.28
HSL	281°, 20%, 65%
HSV	281°, 19%, 72%
XYZ	36.6337, 33.8398, 49.9528
YIQ	160.1660, 3.0690, 15.9730

Conversions

Conversions Part 2

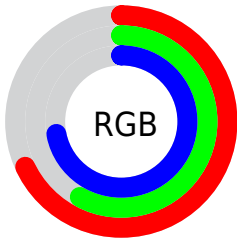
Format	Color
R _{YB}	173, 149, 184
Decimal	11376056
CIE _{Lab}	64.84, 15.45, -14.88
CIE _{LCh}	65, 21.448, 316.068
Yxy	33.8398, 0.3042, 0.2810
Android (android.graphics.Color)	4289566136 (0xFFAD95B8)
YUV	160.1660, 11.7502, 11.2554
Hunter-Lab	58.1720, 10.6090, -10.1925

Details

The Yxy color **33.8398, 0.3042, 0.2810** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.9292, 0.3197, 0.3788**, and the grayscale version is **35.1791, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.6612, 0.3064, 0.2899**, and **14.3671, 0.3004, 0.2662** is the 20% darker color. If you saturate the color by 10%, you get **27.8260, 0.2985, 0.2541**, and if you desaturate by 10%, it is **40.8049, 0.3090, 0.3069**.

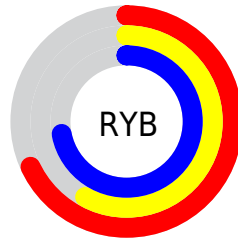
Distribution



Red (68%)

Green (58%)

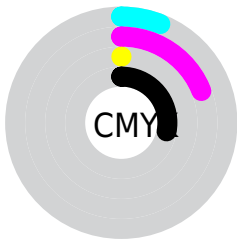
Blue (72%)



Red (68%)

Yellow (58%)

Blue (72%)

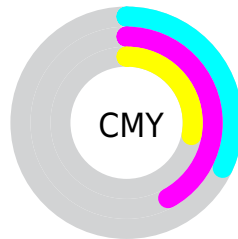


Cyan (6%)

Magenta (19%)

Yellow (0%)

Black (28%)



Cyan (32%)


Magenta (42%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.8398, 0.3042, 0.2810 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 33.8398, 0.3042, 0.2810 by changing the saturation by 10% instead.


 33.8398, 0.3042,
0.2810


 33.8398, 0.3042,
0.2810


319.4171, 0.3090,
0.3054

 22.7706, 0.3028,
0.2748


 65.6845, 0.3061,
0.2900

 14.4242, 0.3010,
0.2667


 87.2287, 0.3067,
0.2933

 8.4163, 0.2983,
0.2558


113.0333, 0.3073,
0.2961

 4.3625, 0.2942,
0.2405

143.4828, 0.3077,
0.2985

 1.8783, 0.2871,
0.2172

178.9616, 0.3081,
0.3006

 0.5353, 0.2765,
0.1669

219.8539, 0.3084,

 0.0000, 0.0000,

0.3024

0.0000

266.5443, 0.3087,
0.3040

■ 33.8398, 0.3042,
0.2810

■ 33.8398, 0.3042,
0.2810

■ 27.8260, 0.2985,
0.2541

■ 40.8049, 0.3090,
0.3069

■ 22.7158, 0.2921,
0.2268

■ 48.7577, 0.3131,
0.3313

■ 18.4636, 0.2848,
0.2001

■ 57.7377, 0.3164,
0.3539

■ 15.0184, 0.2769,
0.1751

■ 67.7811, 0.3191,
0.3747

■ 12.3233, 0.2686,
0.1530

■ 78.9224, 0.3213,
0.3935

■ 10.3139, 0.2600,
0.1348

■ 88.3496, 0.3236,
0.4064

■ 8.9148, 0.2517,
0.1213

■ 89.2020, 0.3273,
0.4055

■ 7.9907, 0.2436,
0.1120

■ 90.0854, 0.3311,
0.4046

■ 7.9086, 0.2428,
0.1111

■ 90.9999, 0.3349,
0.4037

Harmonies

Analogous

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



33.8398, 0.2742, 0.2742



33.8398, 0.3042, 0.2810



33.8398, 0.3381, 0.2989

Triad

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



33.8398, 0.3042, 0.2810



33.8398, 0.3729, 0.3754



33.8398, 0.2616, 0.3305

Complementary

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



33.8398, 0.3042, 0.2810



43.9292, 0.3197, 0.3788

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.



33.8398, 0.2860, 0.3620



33.8398, 0.3042, 0.2810



33.8398, 0.3504, 0.3881

Square

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



33.8398, 0.3042, 0.2810



33.8398, 0.3790, 0.3517



33.8398, 0.3184, 0.3838



33.8398, 0.2507, 0.3006

Rectangle

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



33.8398, 0.3042, 0.2810



33.8398, 0.3581, 0.3152



33.8398, 0.3184, 0.3838



33.8398, 0.2685, 0.3414

Sweetspot

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



33.8412, 0.3042, 0.2810



77.9885, 0.3103, 0.3142



35.0229, 0.2826, 0.2943



16.6187, 0.3100, 0.3126



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.



33.8412, 0.3042, 0.2810



56.3789, 0.3018, 0.2693



34.8850, 0.3209, 0.2907



9.0173, 0.3089, 0.3061



5.4889, 0.2438, 0.1117



0.2249, 0.2644, 0.1230

Inverse Universe

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



34.2254, 0.3382, 0.3140



57.2503, 0.3455, 0.3103



43.0553, 0.3055, 0.3706



9.0575, 0.3240, 0.3218



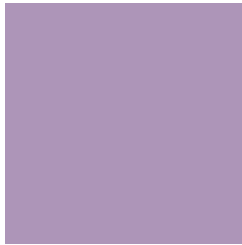
7.2441, 0.5678, 0.2902



0.2669, 0.4929, 0.2489

Previews

White Background



This preview shows how the Yxy color 33.8398, 0.3042, 0.2810 looks on a white background.

Color Contrast Check

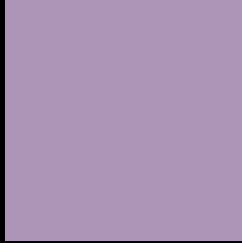
Large Text (above 18pt) WCAG AA × Fail

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 33.8398, 0.3042, 0.2810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

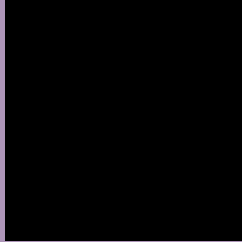
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.8398, 0.3042, 0.2810

Background



This preview shows how black text looks on a background with the Yxy color 33.8398, 0.3042, 0.2810.



This preview shows how white text looks on a background with the Yxy color 33.8398, 0.3042, 0.2810.

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

33.8398, 0.3042, 0.2810

Protanopia

33.9351, 0.2792, 0.2816

Deuteranopia

34.0037, 0.2929, 0.2878



Tritanopia

33.6829, 0.3195, 0.3119

Trichromacy



Original Color

33.8398, 0.3042, 0.2810

Protanomaly

33.6394, 0.2877, 0.2808

Deuteranomaly

33.8747, 0.2975, 0.2855

Tritanomaly

33.7314, 0.3140, 0.3008

Monochromacy



Original Color

33.8398, 0.3042, 0.2810

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.6408, 0.3097, 0.3104

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.8398, 0.3042, 0.2810 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(173, 149, 184)` looks like.

```
.text, #text, p{  
    color:rgb(173, 149, 184)  
}
```

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(173, 149, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 149, 184) }
```

Border

The CSS property to change the border of an element to Yxy 33.8398, 0.3042, 0.2810 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(173, 149, 184) }
```

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

```
.border{ border-color:rgb(173, 149, 184) }
```

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

Here you see how a box with a 4 pixel rgb(173, 149, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 149, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 149, 184);  
box-shadow:4px 4px 4px 4px rgb(173, 149,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 33.8398, 0.3042, 0.2810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 149, 184) }
```

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

```
.background{ background-color: rgb(173,  
149, 184) }
```

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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