

Converting Colors

$Yxy(33.0341, 0.3048, 0.2882)$

Have a look what the booklet for
Yxy(33.0341, 0.3048, 0.2882)
contains.

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Color

Yxy(33.0341, 0.3048, 0.2882)

Conversions

Conversions Part 1

Format	Color
Hex	A895B2
RGB	168, 149, 178
RGB Percent	66%, 58%, 70%
CMY	0.3410, 0.4157, 0.3020
CMYK	0.06, 0.16, 0.00, 0.30
HSL	279°, 16%, 64%
HSV	279°, 16%, 70%
XYZ	34.9368, 33.0341, 46.6512
YIQ	157.9870, 2.0150, 13.0470

Conversions

Conversions Part 2

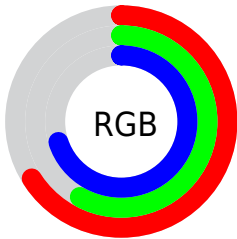
Format	Color
R_{YB}	168, 149, 178
Decimal	11048370
CIE _{Lab}	64.19, 12.53, -12.52
CIE _{LCh}	64, 17.710, 315.016
Yxy	33.0341, 0.3048, 0.2882
Android (android.graphics.Color)	4289238450 (0xFFA895B2)
YUV	157.9870, 9.8664, 8.7814
Hunter-Lab	57.4753, 7.9209, -7.8914

Details

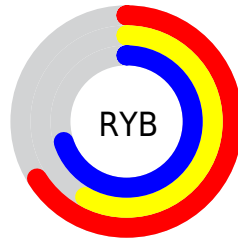
The Yxy color **33.0341, 0.3048, 0.2882** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.3745, 0.3194, 0.3709**, and the grayscale version is **34.1418, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.3404, 0.3061, 0.2955**, and **13.9290, 0.3025, 0.2759** is the 20% darker color. If you saturate the color by 10%, you get **27.1721, 0.2988, 0.2614**, and if you desaturate by 10%, it is **39.7912, 0.3099, 0.3138**.

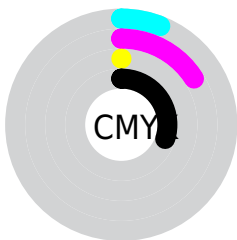
Distribution



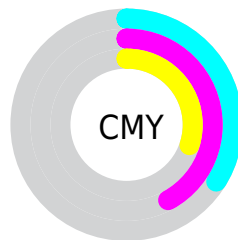
- Red (66%)
- Green (58%)
- Blue (70%)



- Red (66%)
- Yellow (58%)
- Blue (70%)



- Cyan (6%)
- Magenta (16%)
- Yellow (0%)
- Black (30%)





- Cyan (34%)
- Magenta (42%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0341, 0.3048, 0.2882 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 33.0341, 0.3048, 0.2882 by changing the saturation by 10% instead.


 33.0341, 0.3048,
0.2882


 33.0341, 0.3048,
0.2882


315.8034, 0.3092,
0.3092

 22.1526, 0.3036,
0.2828


 64.4288, 0.3065,
0.2960

 13.9690, 0.3019,
0.2757


 85.7107, 0.3071,
0.2988

 8.0991, 0.2994,
0.2661


111.2282, 0.3076,
0.3013

 4.1585, 0.2956,
0.2523

141.3657, 0.3080,
0.3033

 1.7626, 0.2891,
0.2309

176.5076, 0.3084,
0.3051

 0.4637, 0.2814,
0.1748

217.0382, 0.3087,

 0.0000, 0.0000,

0.3066

0.0000

263.3420, 0.3090,
0.3080

■ 33.0341, 0.3048,
0.2882

■ 33.0341, 0.3048,
0.2882

■ 27.1721, 0.2988,
0.2614

■ 39.7912, 0.3099,
0.3138

■ 22.1616, 0.2919,
0.2339

■ 47.4760, 0.3142,
0.3376

■ 17.9617, 0.2841,
0.2066

■ 56.1247, 0.3178,
0.3597

■ 14.5261, 0.2756,
0.1806

■ 65.7704, 0.3207,
0.3797

■ 11.8041, 0.2666,
0.1570

■ 76.4444, 0.3230,
0.3979

■ 9.7385, 0.2574,
0.1370

■ 87.6718, 0.3250,
0.4136

■ 8.2629, 0.2482,
0.1216

■ 88.5564, 0.3289,
0.4126

■ 7.2893, 0.2394,
0.1109

■ 89.4754, 0.3329,
0.4115

■ 6.9875, 0.2362,
0.1075

■ 90.4291, 0.3370,
0.4104

Harmonies

Analogous

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



33.0341, 0.2798, 0.2830



33.0341, 0.3048, 0.2882



33.0341, 0.3330, 0.3031

Triad

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



33.0341, 0.3048, 0.2882



33.0341, 0.3633, 0.3675



33.0341, 0.2705, 0.3314

Complementary

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



33.0341, 0.3048, 0.2882



41.3745, 0.3194, 0.3709

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.



33.0341, 0.2915, 0.3571



33.0341, 0.3048, 0.2882



33.0341, 0.3451, 0.3780

Square

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



33.0341, 0.3048, 0.2882



33.0341, 0.3677, 0.3477



33.0341, 0.3187, 0.3746



33.0341, 0.2607, 0.3064

Rectangle

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



33.0341, 0.3048, 0.2882



33.0341, 0.3496, 0.3168



33.0341, 0.3187, 0.3746



33.0341, 0.2765, 0.3404

Sweetspot

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



33.0355, 0.3048, 0.2882



73.7554, 0.3105, 0.3167



34.4487, 0.2873, 0.3013



16.1368, 0.3102, 0.3150



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.



33.0355, 0.3048, 0.2882



55.4116, 0.3025, 0.2775



33.9991, 0.3187, 0.2951



8.4978, 0.3085, 0.3062



5.0357, 0.2372, 0.1080



0.1892, 0.2612, 0.1213

Inverse Universe

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



33.4584, 0.3330, 0.3151



56.3747, 0.3391, 0.3114



40.5389, 0.3073, 0.3654



8.5518, 0.3235, 0.3212



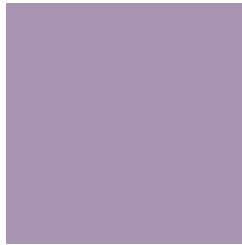
7.0251, 0.5566, 0.2840



0.2323, 0.4778, 0.2406

Previews

White Background



This preview shows how the Yxy color 33.0341, 0.3048, 0.2882 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 33.0341, 0.3048, 0.2882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

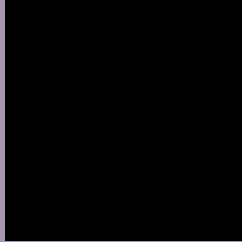
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.0341, 0.3048, 0.2882

Background



This preview shows how black text looks on a background with the Yxy color 33.0341, 0.3048, 0.2882.



This preview shows how white text looks on a background with the Yxy color 33.0341, 0.3048, 0.2882.

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

33.0341, 0.3048, 0.2882

Protanopia

33.0679, 0.2855, 0.2882

Deuteranopia

33.1044, 0.2979, 0.2930



Tritanopia

33.2078, 0.3165, 0.3131

Trichromacy



Original Color

33.0341, 0.3048, 0.2882

Protanomaly

32.9608, 0.2917, 0.2872

Deuteranomaly

33.0941, 0.3008, 0.2919

Tritanomaly

33.1759, 0.3129, 0.3046

Monochromacy



Original Color

33.0341, 0.3048, 0.2882

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.8407, 0.3105, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0341, 0.3048, 0.2882 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(168, 149, 178)` looks like.

```
.text, #text, p{  
    color:rgb(168, 149, 178)  
}
```

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(168, 149, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 149, 178) }
```

Border

The CSS property to change the border of an element to Yxy 33.0341, 0.3048, 0.2882 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(168, 149, 178) }
```

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

```
.border{ border-color:rgb(168, 149, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 149, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 149, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 149, 178);  
box-shadow:4px 4px 4px 4px rgb(168, 149,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0341, 0.3048, 0.2882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 149, 178) }
```

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

```
.background{ background-color: rgb(168,  
149, 178) }
```

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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