

Converting Colors

$Yxy(33.9991, 0.3072, 0.2775)$

Have a look what the booklet for
Yxy(33.9991, 0.3072, 0.2775)
contains.

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Color

Yxy(34.1900, 0.3073, 0.2778)

Conversions

Conversions Part 1

Format	Color
Hex	B294BA
RGB	178, 148, 186
RGB Percent	70%, 58%, 73%
CMY	0.3018, 0.4197, 0.2706
CMYK	0.04, 0.20, 0.00, 0.27
HSL	287°, 22%, 65%
HSV	287°, 20%, 73%
XYZ	37.8207, 34.1900, 51.0635
YIQ	161.3020, 5.6820, 18.1780

Conversions

Conversions Part 2

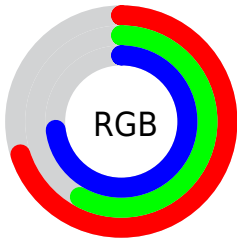
Format	Color
R _Y B	178, 148, 186
Decimal	11703482
CIE _{Lab}	65.11, 18.14, -15.54
CIE _{LCh}	65, 23.881, 319.416
Yxy	34.1900, 0.3073, 0.2778
Android (android.graphics.Color)	4289893562 (0xFFB294BA)
YUV	161.3020, 12.1761, 14.6441
Hunter-Lab	58.4722, 13.1300, -10.8471

Details

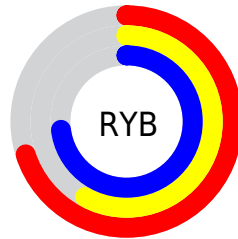
The Yxy color **34.1900, 0.3073, 0.2778** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.3212, 0.3168, 0.3835**, and the grayscale version is **35.7312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1443, 0.3087, 0.2873**, and **14.6028, 0.3047, 0.2622** is the 20% darker color. If you saturate the color by 10%, you get **28.3638, 0.3038, 0.2516**, and if you desaturate by 10%, it is **40.9699, 0.3102, 0.3035**.

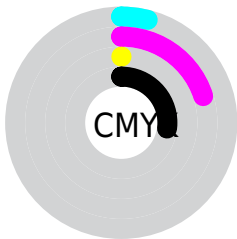
Distribution



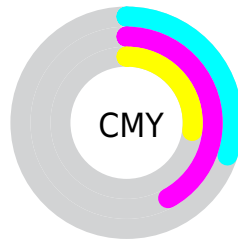
- Red (70%)
- Green (58%)
- Blue (73%)



- Red (70%)
- Yellow (58%)
- Blue (73%)



- Cyan (4%)
- Magenta (20%)
- Yellow (0%)
- Black (27%)





- Cyan (30%)
- Magenta (42%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1900, 0.3073, 0.2778 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 34.1900, 0.3073, 0.2778 by changing the saturation by 10% instead.


 34.1900, 0.3073,
0.2778


 34.1900, 0.3073,
0.2778


320.9784, 0.3105,
0.3037

 23.0396, 0.3063,
0.2712


 66.2290, 0.3086,
0.2873

 14.6228, 0.3050,
0.2628


 87.8864, 0.3090,
0.2908

 8.5551, 0.3030,
0.2514


113.8150, 0.3094,
0.2938

 4.4521, 0.2998,
0.2355

144.3990, 0.3097,
0.2964

 1.9296, 0.2942,
0.2116

180.0230, 0.3100,
0.2986

 0.5661, 0.2856,
0.1635

221.0713, 0.3102,

 0.0000, 0.0000,

0.3005

0.0000

267.9283, 0.3104,
0.3022

■ 34.1900, 0.3073,
0.2778

■ 34.1900, 0.3073,
0.2778

■ 28.3638, 0.3038,
0.2516

■ 40.9699, 0.3102,
0.3035

■ 23.4419, 0.2998,
0.2255

■ 48.7408, 0.3126,
0.3280

■ 19.3775, 0.2952,
0.2006

■ 57.5436, 0.3145,
0.3510

■ 16.1175, 0.2901,
0.1779

■ 67.4154, 0.3161,
0.3722

■ 13.6029, 0.2847,
0.1585

■ 78.3914, 0.3172,
0.3917

■ 11.7665, 0.2792,
0.1431

■ 87.5409, 0.3185,
0.4051

■ 10.5288, 0.2736,
0.1322

■ 88.0892, 0.3209,
0.4045

■ 9.7531, 0.2684,
0.1252

■ 88.6513, 0.3234,
0.4040

■ 89.2272, 0.3259,
0.4034

Harmonies

Analogous

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



34.1900, 0.2732, 0.2688



34.1900, 0.3073, 0.2778



34.1900, 0.3448, 0.2985

Triad

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



34.1900, 0.3073, 0.2778



34.1900, 0.3775, 0.3825



34.1900, 0.2541, 0.3264

Complementary

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



34.1900, 0.3073, 0.2778



44.3212, 0.3168, 0.3835

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.



34.1900, 0.2794, 0.3622



34.1900, 0.3073, 0.2778



34.1900, 0.3506, 0.3952

Square

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



34.1900, 0.3073, 0.2778



34.1900, 0.3867, 0.3571



34.1900, 0.3146, 0.3884



34.1900, 0.2440, 0.2942

Rectangle

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



34.1900, 0.3073, 0.2778



34.1900, 0.3662, 0.3169



34.1900, 0.3146, 0.3884



34.1900, 0.2610, 0.3386

Sweetspot

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



34.1915, 0.3073, 0.2778



80.1425, 0.3113, 0.3143



33.6926, 0.2799, 0.2857



17.4483, 0.3112, 0.3126



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



34.1915, 0.3073, 0.2778



56.5052, 0.3056, 0.2648



34.7201, 0.3253, 0.2926



9.0653, 0.3105, 0.3062



6.5940, 0.2691, 0.1256



0.2567, 0.2832, 0.1334

Inverse Universe

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



34.0144, 0.3446, 0.3182



56.1613, 0.3546, 0.3154



43.9101, 0.3021, 0.3684



9.0422, 0.3256, 0.3242



7.1306, 0.6020, 0.3090



0.2605, 0.5311, 0.2699

Previews

White Background



This preview shows how the Yxy color 34.1900, 0.3073, 0.2778 looks on a white background.

Color Contrast Check

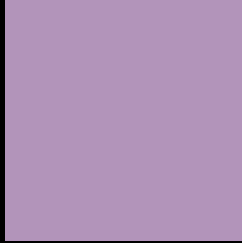
Large Text (above 18pt) WCAG AA × Fail

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 34.1900, 0.3073, 0.2778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

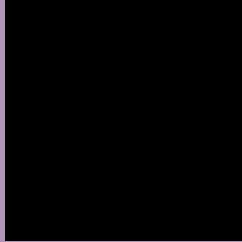
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.1900, 0.3073, 0.2778

Background



This preview shows how black text looks on a background with the Yxy color 34.1900, 0.3073, 0.2778.



This preview shows how white text looks on a background with the Yxy color 34.1900, 0.3073, 0.2778.

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

34.1900, 0.3073, 0.2778

Protanopia

34.4037, 0.2770, 0.2791

Deuteranopia

34.1911, 0.2921, 0.2853



Tritanopia

34.2508, 0.3246, 0.3122

Trichromacy



Original Color

34.1900, 0.3073, 0.2778

Protanomaly

34.3025, 0.2871, 0.2786

Deuteranomaly

34.1747, 0.2976, 0.2831

Tritanomaly

34.3419, 0.3181, 0.2999

Monochromacy



Original Color

34.1900, 0.3073, 0.2778

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.8947, 0.3107, 0.3091

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1900, 0.3073, 0.2778 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, 148, 186)` looks like.

```
.text, #text, p{  
    color:rgb(178, 148, 186)  
}
```

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, 148, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 148, 186) }
```

Border

The CSS property to change the border of an element to Yxy 34.1900, 0.3073, 0.2778 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, 148, 186) }
```

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

```
.border{ border-color:rgb(178, 148, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 148, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 148, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 148, 186);  
box-shadow:4px 4px 4px 4px rgb(178, 148,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1900, 0.3073, 0.2778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 148, 186) }
```

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

```
.background{ background-color: rgb(178,  
148, 186) }
```

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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