

Converting Colors

$Y_{xy}(34.7490, 0.2994, 0.2657)$

Have a look what the booklet for
Yxy(34.7490, 0.2994, 0.2657)
contains.

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Color

Yxy(34.7490, 0.2994, 0.2657)

Conversions

Conversions Part 1

Format	Color
Hex	B394C4
RGB	179, 148, 196
RGB Percent	70%, 58%, 77%
CMY	0.2978, 0.4197, 0.2313
CMYK	0.09, 0.25, 0.00, 0.23
HSL	279°, 29%, 67%
HSV	279°, 25%, 77%
XYZ	39.1564, 34.7490, 56.8775
YIQ	162.7410, 3.0680, 21.5000

Conversions

Conversions Part 2

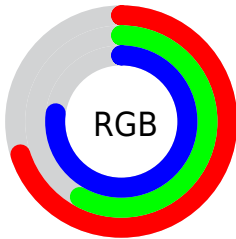
Format	Color
R_{YB}	179, 148, 196
Decimal	11769028
CIE _{Lab}	65.55, 20.52, -20.46
CIE _{LCh}	66, 28.981, 315.078
Yxy	34.7490, 0.2994, 0.2657
Android (android.graphics.Color)	4289959108 (0xFFB394C4)
YUV	162.7410, 16.3967, 14.2591
Hunter-Lab	58.9483, 15.4091, -15.9434

Details

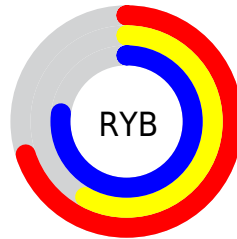
The Yxy color $34.7490, 0.2994, 0.2657$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $49.6166, 0.3230, 0.3949$, and the grayscale version is $36.4210, 0.3127, 0.3290$.

A 20% lighter version of the original color is $66.9951, 0.3020, 0.2767$, and $14.9380, 0.2949, 0.2480$ is the 20% darker color. If you saturate the color by 10%, you get $28.3103, 0.2924, 0.2380$, and if you desaturate by 10%, it is $42.2732, 0.3055, 0.2926$.

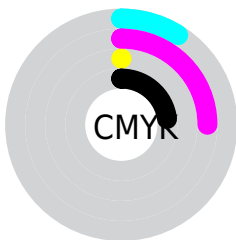
Distribution



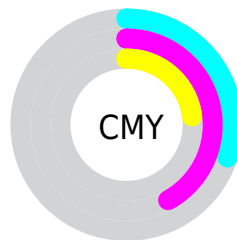
- Red (70%)
- Green (58%)
- Blue (77%)



- Red (70%)
- Yellow (58%)
- Blue (77%)



- Cyan (9%)
- Magenta (25%)
- Yellow (0%)
- Black (23%)




- Cyan (30%)
- Magenta (42%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.7490, 0.2994, 0.2657 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 34.7490, 0.2994, 0.2657 by changing the saturation by 10% instead.


 34.7490, 0.2994,
0.2657


 34.7490, 0.2994,
0.2657

323.4590, 0.3068,
0.2974

 23.4696, 0.2973,
0.2578


 67.0967, 0.3023,
0.2772

 14.9406, 0.2944,
0.2477


 88.9339, 0.3033,
0.2815

 8.7777, 0.2904,
0.2344


115.0590, 0.3042,
0.2852

 4.5965, 0.2842,
0.2160

145.8566, 0.3049,
0.2883

 2.0125, 0.2741,
0.1892

181.7110, 0.3055,
0.2910

 0.6147, 0.2563,
0.1420

223.0066, 0.3060,

 0.0000, 0.0356,

0.2934

0.0000

270.1278, 0.3065,
0.2955

0.0000, 0.0000,
0.0000

34.7490, 0.2994,
0.2657

34.7490, 0.2994,
0.2657

28.3103, 0.2924,
0.2380

42.2732, 0.3055,
0.2926

22.8996, 0.2844,
0.2103

50.9279, 0.3107,
0.3181

18.4608, 0.2757,
0.1837

60.7606, 0.3150,
0.3418

14.9304, 0.2664,
0.1593

71.8151, 0.3186,
0.3636

12.2375, 0.2569,
0.1385

84.1327, 0.3215,
0.3834

10.2996, 0.2474,
0.1222

90.8105, 0.3250,
0.3914

9.0174, 0.2383,
0.1108

91.9159, 0.3295,
0.3905

8.4866, 0.2335,
0.1060

93.0666, 0.3341,
0.3896

94.2630, 0.3386,
0.3888

Harmonies

Analogous

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



34.7490, 0.2604, 0.2571



34.7490, 0.2994, 0.2657



34.7490, 0.3449, 0.2884

Triad

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



34.7490, 0.2994, 0.2657



34.7490, 0.3937, 0.3889



34.7490, 0.2458, 0.3317

Complementary

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



34.7490, 0.2994, 0.2657



49.6166, 0.3230, 0.3949

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.



34.7490, 0.2780, 0.3752



34.7490, 0.2994, 0.2657



34.7490, 0.3635, 0.4081

Square

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



34.7490, 0.2994, 0.2657



34.7490, 0.4016, 0.3566



34.7490, 0.3209, 0.4044



34.7490, 0.2313, 0.2913

Rectangle

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



34.7490, 0.2994, 0.2657



34.7490, 0.3723, 0.3091



34.7490, 0.3209, 0.4044



34.7490, 0.2548, 0.3467

Sweetspot

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



34.7505, 0.2994, 0.2657



87.9601, 0.3094, 0.3116



37.4044, 0.2734, 0.2862



18.6157, 0.3091, 0.3101



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



34.7505, 0.2994, 0.2657



56.9304, 0.2960, 0.2521



36.6115, 0.3215, 0.2762



10.0640, 0.3083, 0.3059



5.5016, 0.2347, 0.1066



0.2751, 0.2543, 0.1174

Inverse Universe

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



35.6248, 0.3458, 0.3069



58.8402, 0.3546, 0.3022



48.1271, 0.3050, 0.3882



10.1353, 0.3235, 0.3209



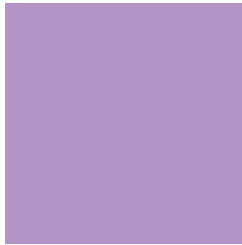
7.8331, 0.5540, 0.2825



0.3516, 0.4914, 0.2481

Previews

White Background



This preview shows how the Yxy color 34.7490, 0.2994, 0.2657 looks on a white background.

Color Contrast Check

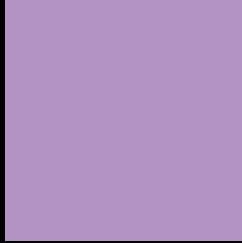
Large Text (above 18pt) WCAG AA × Fail

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 34.7490, 0.2994, 0.2657 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 34.7490, 0.2994, 0.2657

Background



This preview shows how black text looks on a background with the Yxy color 34.7490, 0.2994, 0.2657.



This preview shows how white text looks on a background with the Yxy color 34.7490, 0.2994, 0.2657.

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

34.7490, 0.2994, 0.2657

Protanopia

35.0614, 0.2674, 0.2662

Deuteranopia

34.8401, 0.2814, 0.2759



Tritanopia

34.8630, 0.3214, 0.3122

Trichromacy



Original Color

34.7490, 0.2994, 0.2657

Protanomaly

34.6523, 0.2783, 0.2658

Deuteranomaly

34.7219, 0.2875, 0.2715

Tritanomaly

34.8609, 0.3133, 0.2947

Monochromacy



Original Color

34.7490, 0.2994, 0.2657

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.9839, 0.3081, 0.3052

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7490, 0.2994, 0.2657 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(179, 148, 196)` looks like.

```
.text, #text, p{  
    color:rgb(179, 148, 196)  
}
```

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(179, 148, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 148, 196) }
```

Border

The CSS property to change the border of an element to Yxy 34.7490, 0.2994, 0.2657 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(179, 148, 196) }
```

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

```
.border{ border-color:rgb(179, 148, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 148, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 148, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 148, 196);  
box-shadow:4px 4px 4px 4px rgb(179, 148,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7490, 0.2994, 0.2657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 148, 196) }
```

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

```
.background{ background-color: rgb(179,  
148, 196) }
```

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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