

Converting Colors

Yxy(34.9382, 0.3521, 0.3145)

Have a look what the booklet for
Yxy(34.9382, 0.3521, 0.3145)
contains.

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Color

Yxy(34.9382, 0.3521, 0.3145)

Conversions

Conversions Part 1	
Format	Color
Hex	C3939E
RGB	195, 147, 158
RGB Percent	76%, 58%, 62%
CMY	0.2352, 0.4235, 0.3803
CMYK	0.00, 0.25, 0.19, 0.24
HSL	346°, 29%, 67%
HSV	346°, 25%, 76%
XYZ	39.1152, 34.9382, 37.0378
YIQ	162.6060, 25.0770, 13.5970

Conversions

Conversions Part 2

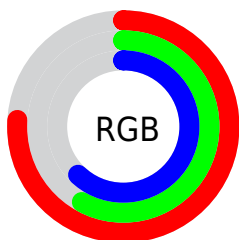
Format	Color
RYB	195, 147, 158
Decimal	12817310
CIELab	65.70, 19.75, 1.25
CIELCh	66, 19.793, 3.621
Yxy	34.9382, 0.3521, 0.3145
Android (android.graphics.Color)	4291007390 (0xFFC3939E)
YUV	162.6060, -2.2708, 28.4095
Hunter-Lab	59.1085, 14.6829, 4.2245

Details

The Yxy color **34.9382, 0.3521, 0.3145** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.7007, 0.2841, 0.3441**, and the grayscale version is **36.4342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2728, 0.3439, 0.3167**, and **15.0900, 0.3652, 0.3093** is the 20% darker color. If you saturate the color by 10%, you get **28.8941, 0.3747, 0.3083**, and if you desaturate by 10%, it is **42.0769, 0.3336, 0.3206**.

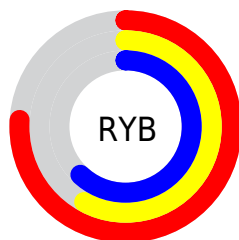
Distribution



Red (76%)

Green (58%)

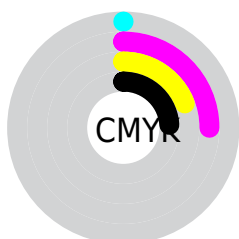
Blue (62%)



Red (76%)

Yellow (58%)

Blue (62%)

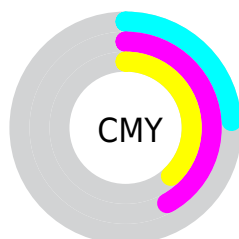


Cyan (0%)

Magenta (25%)

Yellow (19%)

Black (24%)



Cyan (24%)


Magenta (42%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9382, 0.3521, 0.3145 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 34.9382, 0.3521, 0.3145 by changing the saturation by 10% instead.


 34.9382, 0.3521,
0.3145


 34.9382, 0.3521,
0.3145


324.2955, 0.3314,
0.3222

 23.6153, 0.3576,
0.3124


 67.3900, 0.3443,
0.3174

 15.0485, 0.3649,
0.3097


 89.2877, 0.3415,
0.3185

 8.8534, 0.3750,
0.3058


115.4791, 0.3391,
0.3193

 4.6457, 0.3900,
0.3001

146.3486, 0.3371,
0.3201

 2.0409, 0.4142,
0.2906

182.2806, 0.3354,
0.3207

 0.6311, 0.4732,
0.2701

223.6595, 0.3339,


 0.0000, 1.0000,


0.3213

0.0000


270.8696, 0.3326,
0.3218

 0.0000, 0.0000,
0.0000


 34.9382, 0.3521,
0.3145


 34.9382, 0.3521,
0.3145


 28.8941, 0.3747,
0.3083


 42.0769, 0.3336,
0.3206


 23.8856, 0.4021,
0.3024


 50.3557, 0.3187,
0.3264


 19.8556, 0.4345,
0.2973


 59.8234, 0.3065,
0.3319


 16.7395, 0.4714,
0.2940


 70.5244, 0.2966,
0.3368

 14.4648, 0.5111,
0.2935


 82.5011, 0.2886,
0.3414

 12.9479, 0.5502,
0.2967

 89.9122, 0.2813,
0.3361

 12.0876, 0.5844,
0.3037

 90.3443, 0.2778,
0.3289

 11.7919, 0.6001,
0.3079

Harmonies

Analogous

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



34.9382, 0.3233, 0.2935



34.9382, 0.3521, 0.3145



34.9382, 0.3703, 0.3396

Triad

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



34.9382, 0.3521, 0.3145



34.9382, 0.3307, 0.3825



34.9382, 0.2565, 0.2911

Complementary

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



34.9382, 0.3521, 0.3145



48.7007, 0.2841, 0.3441

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.



34.9382, 0.2583, 0.3138



34.9382, 0.3521, 0.3145



34.9382, 0.3002, 0.3688

Square

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



34.9382, 0.3521, 0.3145



34.9382, 0.3572, 0.3799



34.9382, 0.2740, 0.3428



34.9382, 0.2687, 0.2797

Rectangle

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



34.9382, 0.3521, 0.3145



34.9382, 0.3734, 0.3561



34.9382, 0.2740, 0.3428



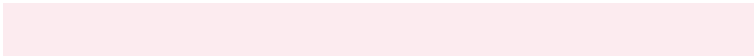
34.9382, 0.2555, 0.2976

Sweetspot

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



34.9398, 0.3521, 0.3145



86.2917, 0.3221, 0.3250



34.9742, 0.3048, 0.2664



18.6905, 0.3230, 0.3247



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.



34.9398, 0.3521, 0.3145



56.0109, 0.3648, 0.3109



38.7836, 0.3597, 0.3461



10.1149, 0.3254, 0.3237



7.6735, 0.5968, 0.3061



0.3425, 0.5324, 0.2707

Inverse Universe

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



34.9398, 0.3521, 0.3145



56.0109, 0.3648, 0.3109



43.6860, 0.2754, 0.3112



10.1149, 0.3254, 0.3237



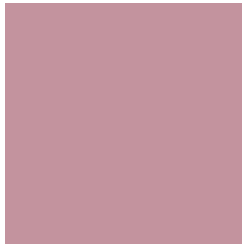
7.6735, 0.5968, 0.3061



0.3425, 0.5324, 0.2707

Previews

White Background



This preview shows how the Yxy color 34.9382, 0.3521, 0.3145 looks on a white background.

Color Contrast Check

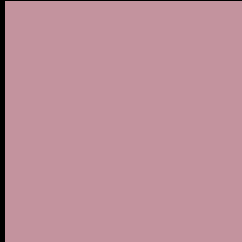
Large Text (above 18pt) WCAG AA × Fail

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 34.9382, 0.3521, 0.3145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

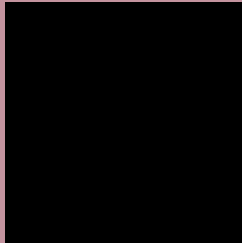
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9382, 0.3521, 0.3145

Background



This preview shows how black text looks on a background with the Yxy color 34.9382, 0.3521, 0.3145.



This preview shows how white text looks on a background with the Yxy color 34.9382, 0.3521, 0.3145.

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

34.9382, 0.3521, 0.3145

Protanopia

35.0900, 0.3093, 0.3203

Deuteranopia





35.1071, 0.3319, 0.3262






Tritanopia

34.9382, 0.3521, 0.3145

Trichromacy

	Original Color 34.9382, 0.3521, 0.3145
	Protanomaly 34.9356, 0.3241, 0.3191
	Deuteranomaly 34.9581, 0.3395, 0.3222
	Tritanomaly 34.9382, 0.3521, 0.3145

Monochromacy

	Original Color 34.9382, 0.3521, 0.3145
	Achromatopsia 36.6253, 0.3127, 0.3290
	Achromatomaly 35.8011, 0.3268, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9382, 0.3521, 0.3145 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(195, 147, 158) looks like.

```
.text, #text, p{  
    color:rgb(195, 147, 158)  
}
```

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(195, 147, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 147, 158) }
```

Border

The CSS property to change the border of an element to Yxy 34.9382, 0.3521, 0.3145 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(195, 147, 158) }
```

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

```
.border{ border-color:rgb(195, 147, 158) }
```

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

Here you see how a box with a 4 pixel rgb(195, 147, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 147, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 147, 158);  
box-shadow:4px 4px 4px 4px rgb(195, 147,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9382, 0.3521, 0.3145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 147, 158) }
```

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

```
.background{ background-color: rgb(195,  
147, 158) }
```

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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