

Converting Colors

$Yxy(34.9159, 0.3551, 0.3234)$

Have a look what the booklet for
Yxy(34.9159, 0.3551, 0.3234)
contains.

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Color

Yxy(34.8172, 0.3550, 0.3224)

Conversions

Conversions Part 1

Format	Color
Hex	C19499
RGB	193, 148, 153
RGB Percent	76%, 58%, 60%
CMY	0.2430, 0.4196, 0.4000
CMYK	0.00, 0.23, 0.21, 0.24
HSL	353°, 27%, 67%
HSV	353°, 23%, 76%
XYZ	38.3378, 34.8172, 34.8388
YIQ	162.0250, 25.2150, 11.0950

Conversions

Conversions Part 2

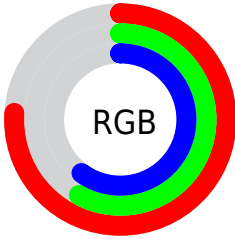
Format	Color
RYB	193, 148, 153
Decimal	12686489
CIELab	65.61, 17.68, 3.91
CIELCh	66, 18.107, 12.461
Yxy	34.8172, 0.3550, 0.3224
Android (android.graphics.Color)	4290876569 (0xFFC19499)
YUV	162.0250, -4.4493, 27.1651
Hunter-Lab	59.0061, 12.7154, 6.2979

Details

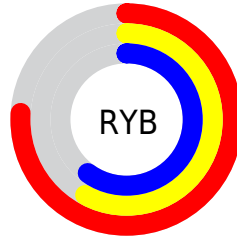
The Yxy color **34.8172, 0.3550, 0.3224** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.0796, 0.2819, 0.3358**, and the grayscale version is **36.1577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0700, 0.3468, 0.3239**, and **14.9977, 0.3695, 0.3200** is the 20% darker color. If you saturate the color by 10%, you get **28.7335, 0.3807, 0.3194**, and if you desaturate by 10%, it is **41.9954, 0.3342, 0.3253**.

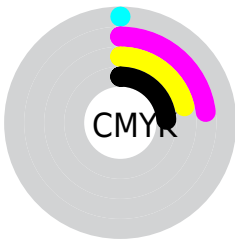
Distribution



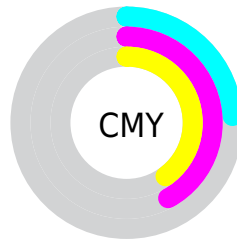
- Red (76%)
- Green (58%)
- Blue (60%)



- Red (76%)
- Yellow (58%)
- Blue (60%)



- Cyan (0%)
- Magenta (23%)
- Yellow (21%)
- Black (24%)





- Cyan (24%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8172, 0.3550, 0.3224 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 34.8172, 0.3550, 0.3224 by changing the saturation by 10% instead.


 34.8172, 0.3550,
0.3224


 34.8172, 0.3550,
0.3224


323.7607, 0.3327,
0.3261

 23.5221, 0.3610,
0.3213


 67.2025, 0.3466,
0.3238

 14.9795, 0.3689,
0.3199


 89.0615, 0.3435,
0.3244

 8.8050, 0.3799,
0.3177


115.2105, 0.3410,
0.3248

 4.6142, 0.3962,
0.3144

146.0340, 0.3388,
0.3251

 2.0227, 0.4228,
0.3085

181.9164, 0.3370,
0.3254

 0.6206, 0.5028,
0.3016

223.2421, 0.3354,

 0.0000, 0.0000,


0.3257


0.0000


270.3954, 0.3340,
0.3259


 34.8172, 0.3550,
0.3224


 34.8172, 0.3550,
0.3224


 28.7335, 0.3807,
0.3194


 41.9954, 0.3342,
0.3253


 23.6859, 0.4120,
0.3166


 50.3130, 0.3175,
0.3281


 19.6180, 0.4492,
0.3143

 59.8185, 0.3041,
0.3307

 16.4661, 0.4915,
0.3130

 70.5558, 0.2932,
0.3330

 14.1590, 0.5361,
0.3133

 82.5670, 0.2844,
0.3352

■ 12.6148, 0.5781,
0.3157

■ 90.0813, 0.2768,
0.3289

■ 11.7353, 0.6113,
0.3200

■ 11.3973, 0.6271,
0.3228

Harmonies

Analogous

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



34.8172, 0.3308, 0.3014



34.8172, 0.3550, 0.3224



34.8172, 0.3675, 0.3458

Triad

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



34.8172, 0.3550, 0.3224



34.8172, 0.3211, 0.3757



34.8172, 0.2630, 0.2900

Complementary

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



34.8172, 0.3550, 0.3224



48.0796, 0.2819, 0.3358

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.



34.8172, 0.2608, 0.3082



34.8172, 0.3550, 0.3224



34.8172, 0.2935, 0.3592

Square

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



34.8172, 0.3550, 0.3224



34.8172, 0.3473, 0.3778



34.8172, 0.2717, 0.3337



34.8172, 0.2779, 0.2828

Rectangle

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



34.8172, 0.3550, 0.3224



34.8172, 0.3673, 0.3601



34.8172, 0.2717, 0.3337



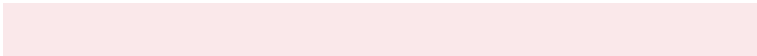
34.8172, 0.2608, 0.2950

Sweetspot

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



34.8188, 0.3550, 0.3224



84.2091, 0.3234, 0.3271



35.6918, 0.3103, 0.2708



17.8697, 0.3244, 0.3269



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



34.8188, 0.3550, 0.3224



56.5376, 0.3674, 0.3209



40.4821, 0.3552, 0.3520



10.0957, 0.3272, 0.3265



7.5840, 0.6251, 0.3217



0.3339, 0.5812, 0.2975

Inverse Universe

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



34.8188, 0.3550, 0.3224



56.5376, 0.3674, 0.3209



41.1054, 0.2767, 0.3048



10.0957, 0.3272, 0.3265



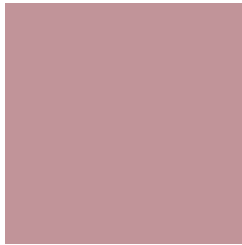
7.5840, 0.6251, 0.3217



0.3339, 0.5812, 0.2975

Previews

White Background



This preview shows how the Yxy color 34.8172, 0.3550, 0.3224 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 34.8172, 0.3550, 0.3224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

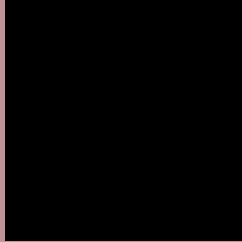
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.8172, 0.3550, 0.3224

Background



This preview shows how black text looks on a background with the Yxy color 34.8172, 0.3550, 0.3224.



This preview shows how white text looks on a background with the Yxy color 34.8172, 0.3550, 0.3224.

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

34.8172, 0.3550, 0.3224

Protanopia

34.9809, 0.3156, 0.3290

Deuteranopia

34.8432, 0.3389, 0.3319



Tritanopia

34.8054, 0.3511, 0.3145

Trichromacy



Original Color

34.8172, 0.3550, 0.3224

Protanomaly

34.7612, 0.3288, 0.3262

Deuteranomaly

34.7908, 0.3445, 0.3291

Tritanomaly

34.7371, 0.3531, 0.3171

Monochromacy



Original Color

34.8172, 0.3550, 0.3224

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.5014, 0.3266, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8172, 0.3550, 0.3224 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(193, 148, 153)` looks like.

```
.text, #text, p{  
    color:rgb(193, 148, 153)  
}
```

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(193, 148, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 148, 153) }
```

Border

The CSS property to change the border of an element to Yxy 34.8172, 0.3550, 0.3224 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(193, 148, 153) }
```

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

```
.border{ border-color:rgb(193, 148, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 148, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 148, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 148, 153);  
box-shadow:4px 4px 4px 4px rgb(193, 148,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8172, 0.3550, 0.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 148, 153) }
```

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

```
.background{ background-color: rgb(193,  
148, 153) }
```

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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