

Converting Colors

$Y_{xy}(33.8969, 0.3433, 0.3210)$

Have a look what the booklet for
Yxy(33.8969, 0.3433, 0.3210)
contains.

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Color

Yxy(34.0518, 0.3432, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	B8959B
RGB	184, 149, 155
RGB Percent	72%, 58%, 61%
CMY	0.2785, 0.4157, 0.3921
CMYK	0.00, 0.19, 0.16, 0.28
HSL	350°, 20%, 65%
HSV	350°, 19%, 72%
XYZ	36.4295, 34.0518, 35.6652
YIQ	160.1490, 18.9340, 9.2860

Conversions

Conversions Part 2

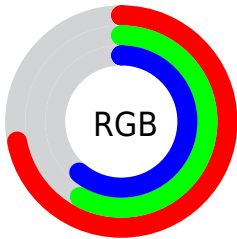
Format	Color
RYB	184, 149, 155
Decimal	12096923
CIELab	65.00, 14.04, 1.80
CIELCh	65, 14.157, 7.285
Yxy	34.0518, 0.3432, 0.3208
Android (android.graphics.Color)	4290287003 (0xFFB8959B)
YUV	160.1490, -2.5385, 20.9173
Hunter-Lab	58.3539, 9.3155, 4.6104

Details

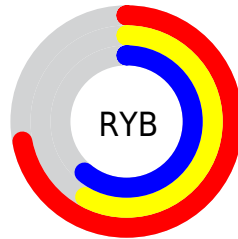
The Yxy color **34.0518, 0.3432, 0.3208** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.8812, 0.2889, 0.3374**, and the grayscale version is **35.2321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.8406, 0.3372, 0.3227**, and **14.5601, 0.3540, 0.3176** is the 20% darker color. If you saturate the color by 10%, you get **28.2033, 0.3649, 0.3162**, and if you desaturate by 10%, it is **40.8877, 0.3256, 0.3252**.

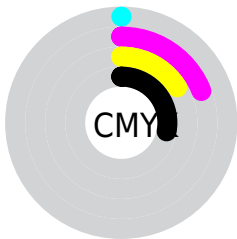
Distribution



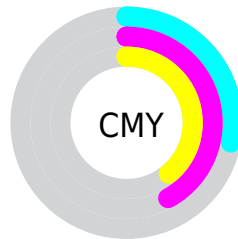
- Red (72%)
- Green (58%)
- Blue (61%)



- Red (72%)
- Yellow (58%)
- Blue (61%)



- Cyan (0%)
- Magenta (19%)
- Yellow (16%)
- Black (28%)





- Cyan (28%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0518, 0.3432, 0.3208 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 34.0518, 0.3432, 0.3208 by changing the saturation by 10% instead.

 34.0518, 0.3432,
0.3208


 34.0518, 0.3432,
0.3208

320.3630, 0.3271,
0.3252

 22.9334, 0.3475,
0.3196


 66.0142, 0.3371,
0.3225

 14.5443, 0.3533,
0.3180


 87.6270, 0.3349,
0.3231

 8.5002, 0.3613,
0.3157


113.5067, 0.3331,
0.3236

 4.4167, 0.3732,
0.3122

144.0378, 0.3315,
0.3240

 1.9093, 0.3928,
0.3062

179.6045, 0.3302,
0.3244

 0.5539, 0.4574,
0.2914

220.5914, 0.3290,

 0.0000, 0.0000,

0.3247

0.0000

267.3827, 0.3280,
0.3250

■ 34.0518, 0.3432,
0.3208

■ 34.0518, 0.3432,
0.3208

■ 28.2033, 0.3649,
0.3162

■ 40.8877, 0.3256,
0.3252

■ 23.2922, 0.3914,
0.3116

■ 48.7490, 0.3114,
0.3294

■ 19.2710, 0.4233,
0.3075

■ 57.6772, 0.3000,
0.3332

■ 16.0860, 0.4605,
0.3045

■ 67.7102, 0.2906,
0.3367

■ 13.6781, 0.5017,
0.3032

■ 78.8839, 0.2830,
0.3399

■ 11.9799, 0.5438,
0.3045

■ 88.3920, 0.2763,
0.3381

■ 10.9129, 0.5820,
0.3089

■ 88.9291, 0.2721,
0.3289

■ 10.3386, 0.6120,
0.3154

■ 10.2910, 0.6145,
0.3159

Harmonies

Analogous

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



34.0518, 0.3232, 0.3046



34.0518, 0.3432, 0.3208



34.0518, 0.3549, 0.3395

Triad

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



34.0518, 0.3432, 0.3208



34.0518, 0.3233, 0.3665



34.0518, 0.2722, 0.3003

Complementary

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



34.0518, 0.3432, 0.3208



43.8812, 0.2889, 0.3374

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.



34.0518, 0.2723, 0.3161



34.0518, 0.3432, 0.3208



34.0518, 0.3013, 0.3554

Square

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



34.0518, 0.3432, 0.3208



34.0518, 0.3430, 0.3665



34.0518, 0.2828, 0.3365



34.0518, 0.2825, 0.2927

Rectangle

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



34.0518, 0.3432, 0.3208



34.0518, 0.3562, 0.3512



34.0518, 0.2828, 0.3365



34.0518, 0.2710, 0.3048

Sweetspot

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



34.0533, 0.3432, 0.3208



78.0848, 0.3212, 0.3265



34.3727, 0.3086, 0.2817



16.6420, 0.3222, 0.3262



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



34.0533, 0.3432, 0.3208



56.8867, 0.3521, 0.3188



37.5306, 0.3466, 0.3443



9.0367, 0.3262, 0.3251



7.1007, 0.6120, 0.3145



0.2581, 0.5471, 0.2788

Inverse Universe

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



34.0533, 0.3432, 0.3208



56.8867, 0.3521, 0.3188



39.7042, 0.2837, 0.3132



9.0367, 0.3262, 0.3251



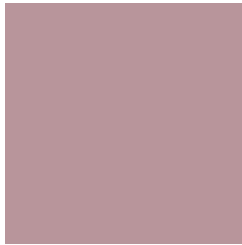
7.1007, 0.6120, 0.3145



0.2581, 0.5471, 0.2788

Previews

White Background



This preview shows how the Yxy color 34.0518, 0.3432, 0.3208 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 34.0518, 0.3432, 0.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

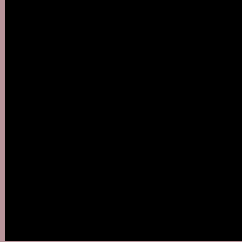
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0518, 0.3432, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 34.0518, 0.3432, 0.3208.



This preview shows how white text looks on a background with the Yxy color 34.0518, 0.3432, 0.3208.

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

34.0518, 0.3432, 0.3208

Protanopia

34.1256, 0.3129, 0.3246

Deuteranopia

34.1142, 0.3331, 0.3276



Tritanopia

34.0322, 0.3394, 0.3126

Trichromacy



Original Color

34.0518, 0.3432, 0.3208

Protanomaly

34.0148, 0.3240, 0.3233

Deuteranomaly

34.2545, 0.3374, 0.3263

Tritanomaly

33.9627, 0.3414, 0.3154

Monochromacy



Original Color

34.0518, 0.3432, 0.3208

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.6806, 0.3237, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0518, 0.3432, 0.3208 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(184, 149, 155)` looks like.

```
.text, #text, p{  
    color:rgb(184, 149, 155)  
}
```

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(184, 149, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 149, 155) }
```

Border

The CSS property to change the border of an element to Yxy 34.0518, 0.3432, 0.3208 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(184, 149, 155) }
```

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

```
.border{ border-color:rgb(184, 149, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 149, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 149, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 149, 155);  
box-shadow:4px 4px 4px 4px rgb(184, 149,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0518, 0.3432, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 149, 155) }
```

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

```
.background{ background-color: rgb(184,  
149, 155) }
```

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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