

Converting Colors

$Y_{xy}(34.1039, 0.3515, 0.3291)$

Have a look what the booklet for
Yxy(34.1039, 0.3515, 0.3291)
contains.

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Color

Yxy(34.1039, 0.3515, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	BA9595
RGB	186, 149, 149
RGB Percent	73%, 58%, 58%
CMY	0.2705, 0.4157, 0.4157
CMYK	0.00, 0.20, 0.20, 0.27
HSL	360°, 21%, 66%
HSV	360°, 20%, 73%
XYZ	36.4252, 34.1039, 33.0987
YIQ	160.0630, 22.0520, 7.8440

Conversions

Conversions Part 2

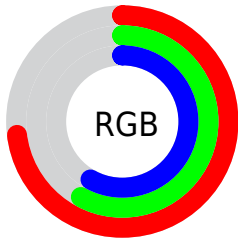
Format	Color
R _Y B	186, 149, 149
Decimal	12227989
CIE Lab	65.04, 13.85, 5.26
CIE LCh	65, 14.814, 20.781
Yxy	34.1039, 0.3515, 0.3291
Android (android.graphics.Color)	4290418069 (0xFFBA9595)
YUV	160.0630, -5.4541, 22.7467
Hunter-Lab	58.3985, 9.1391, 7.2750

Details

The Yxy color **34.1039, 0.3515, 0.3291** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.0597, 0.2834, 0.3289**, and the grayscale version is **35.2038, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.0784, 0.3441, 0.3291**, and **14.5227, 0.3646, 0.3292** is the 20% darker color. If you saturate the color by 10%, you get **28.1347, 0.3784, 0.3292**, and if you desaturate by 10%, it is **41.1111, 0.3299, 0.3290**.

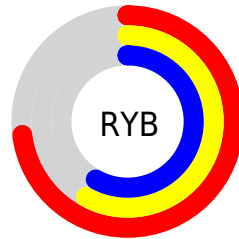
Distribution



Red (73%)

Green (58%)

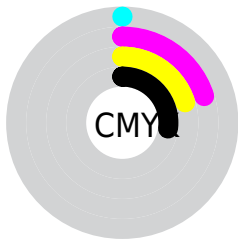
Blue (58%)



Red (73%)

Yellow (58%)

Blue (58%)

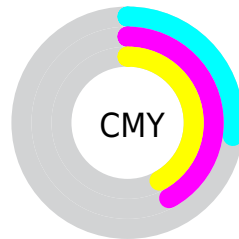


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (27%)



Cyan (27%)


Magenta (42%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.1039, 0.3515, 0.3291 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 34.1039, 0.3515, 0.3291 by changing the saturation by 10% instead.


 34.1039, 0.3515,
0.3291


 34.1039, 0.3515,
0.3291


320.5951, 0.3310,
0.3293

 22.9734, 0.3570,
0.3290


 66.0952, 0.3437,
0.3292

 14.5739, 0.3644,
0.3287


 87.7248, 0.3409,
0.3293

 8.5209, 0.3747,
0.3282


113.6230, 0.3386,
0.3293

 4.4300, 0.3900,
0.3273

144.1740, 0.3366,
0.3293

 1.9169, 0.4153,
0.3251

179.7623, 0.3349,
0.3293

 0.5585, 0.5210,
0.3348


220.7724, 0.3334,


 0.0000, 0.0000,


0.3293


0.0000

267.5885, 0.3321,
0.3293


 34.1039, 0.3515,
0.3291

 34.1039, 0.3515,
0.3291

 28.1347, 0.3784,
0.3292


 41.1111, 0.3299,
0.3290


 23.1498, 0.4116,
0.3293


 49.1975, 0.3126,
0.3290

 19.0979, 0.4514,
0.3294

 58.4075, 0.2987,
0.3290

 15.9208, 0.4967,
0.3295

 68.7819, 0.2875,
0.3289

 13.5542, 0.5444,
0.3297

 80.3594, 0.2785,
0.3289

■ 11.9248, 0.5882,
0.3298

■ 89.1812, 0.2731,
0.3289

■ 10.9461, 0.6208,
0.3299

■ 10.4457, 0.6399,
0.3300

■ 10.4413, 0.6401,
0.3300

Harmonies

Analogous

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



34.1039, 0.3338, 0.3105



34.1039, 0.3515, 0.3291



34.1039, 0.3584, 0.3483

Triad

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



34.1039, 0.3515, 0.3291



34.1039, 0.3133, 0.3644



34.1039, 0.2740, 0.2942

Complementary

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



34.1039, 0.3515, 0.3291



45.0597, 0.2834, 0.3289

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.



34.1039, 0.2691, 0.3071



34.1039, 0.3515, 0.3291



34.1039, 0.2913, 0.3484

Square

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



34.1039, 0.3515, 0.3291



34.1039, 0.3358, 0.3698



34.1039, 0.2753, 0.3270



34.1039, 0.2890, 0.2907

Rectangle

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



34.1039, 0.3515, 0.3291



34.1039, 0.3559, 0.3592



34.1039, 0.2753, 0.3270



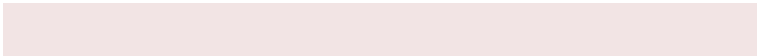
34.1039, 0.2711, 0.2975

Sweetspot

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



34.1055, 0.3515, 0.3291



79.8374, 0.3228, 0.3290



35.4041, 0.3144, 0.2803



17.3747, 0.3240, 0.3290



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.



34.1055, 0.3515, 0.3291



56.7141, 0.3629, 0.3291



40.2082, 0.3469, 0.3533



9.0123, 0.3288, 0.3290



7.0232, 0.6400, 0.3300



0.2476, 0.6399, 0.3299

Inverse Universe

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



34.1055, 0.3515, 0.3291



56.7141, 0.3629, 0.3291



37.9863, 0.2818, 0.3034



9.0123, 0.3288, 0.3290



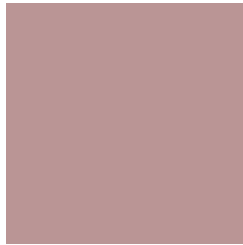
7.0232, 0.6400, 0.3300



0.2476, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 34.1039, 0.3515, 0.3291 looks on a white background.

Color Contrast Check

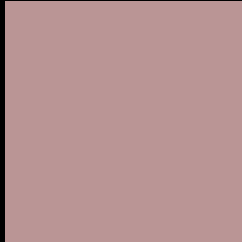
Large Text (above 18pt) WCAG AA × Fail

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 34.1039, 0.3515, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

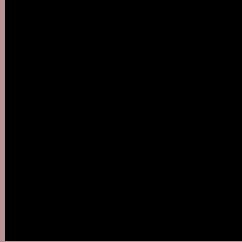
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.1039, 0.3515, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 34.1039, 0.3515, 0.3291.



This preview shows how white text looks on a background with the Yxy color 34.1039, 0.3515, 0.3291.

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

34.1039, 0.3515, 0.3291

Protanopia

34.1284, 0.3204, 0.3334

Deuteranopia

34.2677, 0.3421, 0.3362



Tritanopia

33.9354, 0.3427, 0.3127

Trichromacy



Original Color

34.1039, 0.3515, 0.3291

Protanomaly

34.0361, 0.3318, 0.3319

Deuteranomaly

34.2979, 0.3454, 0.3347

Tritanomaly

34.1112, 0.3466, 0.3195

Monochromacy



Original Color

34.1039, 0.3515, 0.3291

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.6123, 0.3256, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1039, 0.3515, 0.3291 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(186, 149, 149)` looks like.

```
.text, #text, p{  
    color:rgb(186, 149, 149)  
}
```

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(186, 149, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 149, 149) }
```

Border

The CSS property to change the border of an element to Yxy 34.1039, 0.3515, 0.3291 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(186, 149, 149) }
```

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

```
.border{ border-color:rgb(186, 149, 149) }
```

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

Here you see how a box with a 4 pixel rgb(186, 149, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 149, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 149, 149);  
box-shadow:4px 4px 4px 4px rgb(186, 149,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1039, 0.3515, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 149, 149) }
```

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

```
.background{ background-color: rgb(186,  
149, 149) }
```

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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