

Converting Colors

$Yxy(34.0260, 0.3487, 0.3091)$

Have a look what the booklet for
Yxy(34.0260, 0.3487, 0.3091)
contains.

Yxy(34.1263, 0.3484, 0.3091)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(34.1263, 0.3484, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	C191A0
RGB	193, 145, 160
RGB Percent	76%, 57%, 63%
CMY	0.2431, 0.4314, 0.3726
CMYK	0.00, 0.25, 0.17, 0.24
HSL	341°, 28%, 66%
HSV	341°, 25%, 76%
XYZ	38.4652, 34.1263, 37.8138
YIQ	161.0620, 23.7930, 14.8410

Conversions

Conversions Part 2

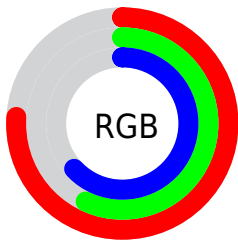
Format	Color
R_{YB}	193, 145, 160
Decimal	12685728
CIE Lab	65.06, 20.43, -0.82
CIE LCh	65, 20.448, 357.708
Yxy	34.1263, 0.3484, 0.3091
Android (android.graphics.Color)	4290875808 (0xFFC191A0)
YUV	161.0620, -0.5236, 28.0096
Hunter-Lab	58.4177, 15.3026, 2.5139

Details

The Yxy color **34.1263, 0.3484, 0.3091** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.3818, 0.2865, 0.3499**, and the grayscale version is **35.6661, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.0771, 0.3411, 0.3125**, and **14.5985, 0.3599, 0.3018** is the 20% darker color. If you saturate the color by 10%, you get **28.2817, 0.3685, 0.3007**, and if you desaturate by 10%, it is **41.0257, 0.3319, 0.3174**.

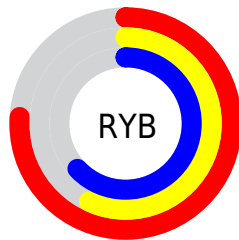
Distribution



Red (76%)

Green (57%)

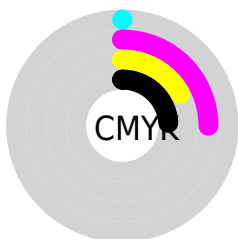
Blue (63%)



Red (76%)

Yellow (57%)

Blue (63%)

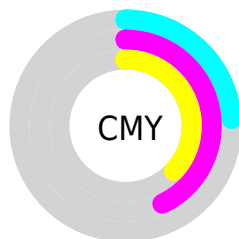


Cyan (0%)

Magenta (25%)

Yellow (17%)

Black (24%)



Cyan (24%)


Magenta (43%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.1263, 0.3484, 0.3091 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 34.1263, 0.3484, 0.3091 by changing the saturation by 10% instead.


 34.1263, 0.3484,
0.3091

 34.1263, 0.3484,
0.3091


320.6949, 0.3297,
0.3195

 22.9906, 0.3534,
0.3063


 66.1300, 0.3414,
0.3130

 14.5866, 0.3600,
0.3027


 87.7669, 0.3388,
0.3144

 8.5298, 0.3692,
0.2976


113.6729, 0.3366,
0.3156

 4.4358, 0.3828,
0.2902

144.2326, 0.3348,
0.3166

 1.9202, 0.4048,
0.2782

179.8302, 0.3333,
0.3175

 0.5605, 0.4600,
0.2465

220.8502, 0.3319,

 0.0000, 0.0000,

0.3183

0.0000

267.6769, 0.3307,
0.3189

■ 34.1263, 0.3484,
0.3091

■ 34.1263, 0.3484,
0.3091

■ 28.2817, 0.3685,
0.3007

■ 41.0257, 0.3319,
0.3174

■ 23.4352, 0.3927,
0.2925

■ 49.0237, 0.3184,
0.3253

■ 19.5314, 0.4211,
0.2855

■ 58.1675, 0.3074,
0.3327

■ 16.5081, 0.4535,
0.2804

■ 68.4999, 0.2984,
0.3395

■ 14.2952, 0.4887,
0.2786

■ 80.0617, 0.2910,
0.3458

■ 12.8119, 0.5243,
0.2811

■ 89.1294, 0.2846,
0.3454

■ 11.9603, 0.5572,
0.2883

■ 89.9459, 0.2778,
0.3311

■ 11.6687, 0.5726,
0.2928

■ 90.0796, 0.2768,
0.3289

Harmonies

Analogous

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



34.1263, 0.3172, 0.2887



34.1263, 0.3484, 0.3091



34.1263, 0.3702, 0.3347

Triad

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



34.1263, 0.3484, 0.3091



34.1263, 0.3374, 0.3856



34.1263, 0.2535, 0.2933

Complementary

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



34.1263, 0.3484, 0.3091



47.3818, 0.2865, 0.3499

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.



34.1263, 0.2583, 0.3188



34.1263, 0.3484, 0.3091



34.1263, 0.3058, 0.3746

Square

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



34.1263, 0.3484, 0.3091



34.1263, 0.3633, 0.3795



34.1263, 0.2771, 0.3493



34.1263, 0.2634, 0.2791

Rectangle

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



34.1263, 0.3484, 0.3091



34.1263, 0.3759, 0.3522



34.1263, 0.2771, 0.3493



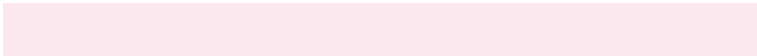
34.1263, 0.2534, 0.3008

Sweetspot

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



34.1279, 0.3484, 0.3091



84.4135, 0.3212, 0.3236



33.5440, 0.3008, 0.2651



17.9170, 0.3219, 0.3231



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.



34.1279, 0.3484, 0.3091



55.0312, 0.3592, 0.3044



36.4298, 0.3616, 0.3410



10.1286, 0.3241, 0.3218



7.7725, 0.5692, 0.2909



0.3485, 0.5044, 0.2552

Inverse Universe

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



34.1279, 0.3484, 0.3091



55.0312, 0.3592, 0.3044



44.2401, 0.2755, 0.3167



10.1286, 0.3241, 0.3218



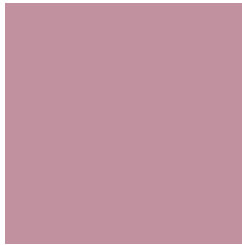
7.7725, 0.5692, 0.2909



0.3485, 0.5044, 0.2552

Previews

White Background



This preview shows how the Yxy color 34.1263, 0.3484, 0.3091 looks on a white background.

Color Contrast Check

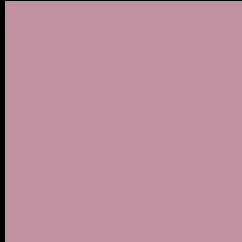
Large Text (above 18pt) WCAG AA × Fail

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 34.1263, 0.3484, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

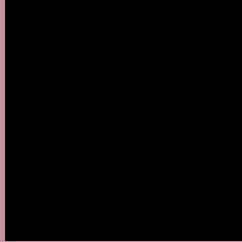
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.1263, 0.3484, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 34.1263, 0.3484, 0.3091.



This preview shows how white text looks on a background with the Yxy color 34.1263, 0.3484, 0.3091.

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

34.1263, 0.3484, 0.3091

Protanopia

34.1731, 0.3048, 0.3143

Deuteranopia

34.1353, 0.3282, 0.3219



Tritanopia

34.3295, 0.3513, 0.3144

Trichromacy



Original Color

34.1263, 0.3484, 0.3091

Protanomaly

34.1207, 0.3204, 0.3134

Deuteranomaly

34.0192, 0.3348, 0.3165

Tritanomaly

34.3638, 0.3502, 0.3131

Monochromacy



Original Color

34.1263, 0.3484, 0.3091

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.9001, 0.3250, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1263, 0.3484, 0.3091 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, 145, 160)` looks like.

```
.text, #text, p{  
    color:rgb(193, 145, 160)  
}
```

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, 145, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 145, 160) }
```

Border

The CSS property to change the border of an element to Yxy 34.1263, 0.3484, 0.3091 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, 145, 160) }
```

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

```
.border{ border-color:rgb(193, 145, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 145, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 145, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 145, 160);  
box-shadow:4px 4px 4px 4px rgb(193, 145,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1263, 0.3484, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 145, 160) }
```

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

```
.background{ background-color: rgb(193,  
145, 160) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor