

Converting Colors

$Yxy(33.9845, 0.3341, 0.3197)$

Have a look what the booklet for
Yxy(33.9845, 0.3341, 0.3197)
contains.

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Color

Yxy(34.0325, 0.3346, 0.3206)

Conversions

Conversions Part 1

Format	Color
Hex	B2979D
RGB	178, 151, 157
RGB Percent	70%, 59%, 62%
CMY	0.3018, 0.4079, 0.3843
CMYK	0.00, 0.15, 0.12, 0.30
HSL	347°, 15%, 65%
HSV	347°, 15%, 70%
XYZ	35.5186, 34.0325, 36.6014
YIQ	159.7570, 14.1660, 7.5900

Conversions

Conversions Part 2

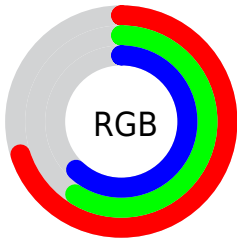
Format	Color
RYB	178, 151, 157
Decimal	11704221
CIELab	64.99, 11.06, 0.57
CIELCh	65, 11.071, 2.966
Yxy	34.0325, 0.3346, 0.3206
Android (android.graphics.Color)	4289894301 (0xFFB2979D)
YUV	159.7570, -1.3592, 15.9991
Hunter-Lab	58.3374, 6.5891, 3.6371

Details

The Yxy color **34.0325, 0.3346, 0.3206** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.4106, 0.2946, 0.3376**, and the grayscale version is **35.0399, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.9085, 0.3300, 0.3215**, and **14.5149, 0.3414, 0.3173** is the 20% darker color. If you saturate the color by 10%, you get **28.2839, 0.3533, 0.3147**, and if you desaturate by 10%, it is **40.7029, 0.3194, 0.3262**.

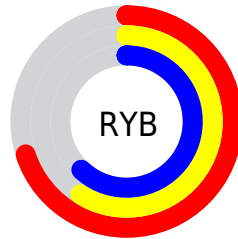
Distribution



Red (70%)

Green (59%)

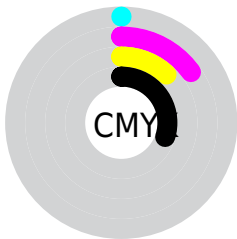
Blue (62%)



Red (70%)

Yellow (59%)

Blue (62%)

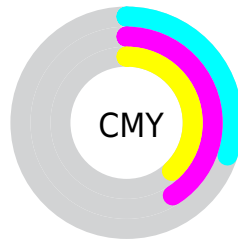


Cyan (0%)

Magenta (15%)

Yellow (12%)

Black (30%)



Cyan (30%)


Magenta (41%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0325, 0.3346, 0.3206 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 34.0325, 0.3346, 0.3206 by changing the saturation by 10% instead.

 34.0325, 0.3346,
0.3206

 34.0325, 0.3346,
0.3206


320.2769, 0.3231,
0.3251

 22.9186, 0.3377,
0.3194


 65.9842, 0.3303,
0.3223

 14.5334, 0.3418,
0.3178


 87.5908, 0.3287,
0.3229

 8.4926, 0.3475,
0.3156


113.4637, 0.3274,
0.3234

 4.4117, 0.3560,
0.3122

143.9873, 0.3262,
0.3238

 1.9064, 0.3700,
0.3067

179.5460, 0.3253,
0.3242

 0.5522, 0.4165,
0.2894

220.5243, 0.3244,

 0.0000, 0.0000,


0.3245


0.0000


267.3065, 0.3237,
0.3248

 34.0325, 0.3346,
0.3206


 34.0325, 0.3346,
0.3206


 28.2839, 0.3533,
0.3147

 40.7029, 0.3194,
0.3262


 23.4123, 0.3761,
0.3087


 48.3286, 0.3071,
0.3315


 19.3755, 0.4038,
0.3030

 56.9468, 0.2971,
0.3363

 16.1264, 0.4364,
0.2982

 66.5916, 0.2889,
0.3407

 13.6130, 0.4735,
0.2951

 77.2951, 0.2822,
0.3447

■ 11.7772, 0.5133,
0.2948

■ 87.2822, 0.2764,
0.3453

■ 10.5518, 0.5524,
0.2979

■ 88.1365, 0.2696,
0.3301

■ 9.8544, 0.5864,
0.3048

■ 88.2087, 0.2691,
0.3289

■ 9.6196, 0.6006,
0.3082

Harmonies

Analogous

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



34.0325, 0.3185, 0.3082



34.0325, 0.3346, 0.3206



34.0325, 0.3448, 0.3353

Triad

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



34.0325, 0.3346, 0.3206



34.0325, 0.3236, 0.3587



34.0325, 0.2803, 0.3081

Complementary

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



34.0325, 0.3346, 0.3206



41.4106, 0.2946, 0.3376

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.



34.0325, 0.2816, 0.3213



34.0325, 0.3346, 0.3206



34.0325, 0.3063, 0.3512

Square

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



34.0325, 0.3346, 0.3206



34.0325, 0.3383, 0.3577



34.0325, 0.2910, 0.3372



34.0325, 0.2874, 0.3009

Rectangle

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



34.0325, 0.3346, 0.3206



34.0325, 0.3468, 0.3447



34.0325, 0.2910, 0.3372



34.0325, 0.2798, 0.3119

Sweetspot

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



34.0340, 0.3346, 0.3206



73.9152, 0.3193, 0.3263



34.0853, 0.3083, 0.2914



16.1773, 0.3202, 0.3259



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



34.0340, 0.3346, 0.3206



58.2637, 0.3400, 0.3188



36.2255, 0.3391, 0.3392



8.5352, 0.3253, 0.3239



6.8883, 0.5979, 0.3067



0.2255, 0.5209, 0.2643

Inverse Universe

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



34.0340, 0.3346, 0.3206



58.2637, 0.3400, 0.3188



38.8522, 0.2897, 0.3186



8.5352, 0.3253, 0.3239



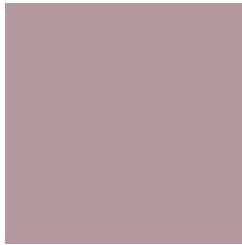
6.8883, 0.5979, 0.3067



0.2255, 0.5209, 0.2643

Previews

White Background



This preview shows how the Yxy color 34.0325, 0.3346, 0.3206 looks on a white background.

Color Contrast Check

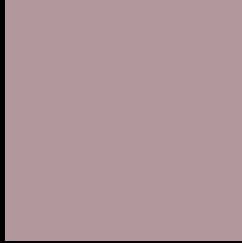
Large Text (above 18pt) WCAG AA × Fail

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 34.0325, 0.3346, 0.3206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

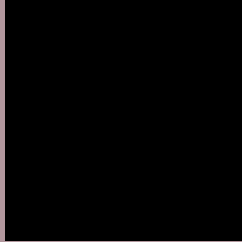
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0325, 0.3346, 0.3206

Background



This preview shows how black text looks on a background with the Yxy color 34.0325, 0.3346, 0.3206.



This preview shows how white text looks on a background with the Yxy color 34.0325, 0.3346, 0.3206.

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

34.0325, 0.3346, 0.3206

Protanopia

34.1256, 0.3129, 0.3246

Deuteranopia

34.1010, 0.3291, 0.3233



Tritanopia

34.0050, 0.3308, 0.3123

Trichromacy



Original Color

34.0325, 0.3346, 0.3206

Protanomaly

34.1614, 0.3209, 0.3232

Deuteranomaly

34.0048, 0.3313, 0.3220

Tritanomaly

33.9345, 0.3328, 0.3151

Monochromacy



Original Color

34.0325, 0.3346, 0.3206

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.8326, 0.3207, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0325, 0.3346, 0.3206 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(178, 151, 157)` looks like.

```
.text, #text, p{  
    color:rgb(178, 151, 157)  
}
```

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(178, 151, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 151, 157) }
```

Border

The CSS property to change the border of an element to Yxy 34.0325, 0.3346, 0.3206 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(178, 151, 157) }
```

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

```
.border{ border-color:rgb(178, 151, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 151, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 151, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 151, 157);  
box-shadow:4px 4px 4px 4px rgb(178, 151,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0325, 0.3346, 0.3206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 151, 157) }
```

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

```
.background{ background-color: rgb(178,  
151, 157) }
```

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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