

Converting Colors

Yxy(34.9964, 0.3301, 0.3206)

Have a look what the booklet for
Yxy(34.9964, 0.3301, 0.3206)
contains.

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Color

Yxy(34.9964, 0.3301, 0.3206)

Conversions

Conversions Part 1

Format	Color
Hex	B19AA0
RGB	177, 154, 160
RGB Percent	69%, 60%, 63%
CMY	0.3059, 0.3961, 0.3724
CMYK	0.00, 0.13, 0.10, 0.31
HSL	344°, 13%, 65%
HSV	344°, 13%, 69%
XYZ	36.0334, 34.9964, 38.1293
YIQ	161.5610, 11.7820, 6.7420

Conversions

Conversions Part 2

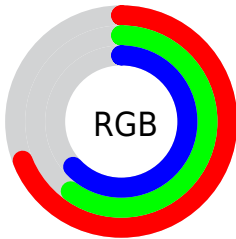
Format	Color
RYB	177, 154, 160
Decimal	11639456
CIELab	65.75, 9.52, -0.03
CIElCh	66, 9.523, 359.821
Yxy	34.9964, 0.3301, 0.3206
Android (android.graphics.Color)	4289829536 (0xFFB19AA0)
YUV	161.5610, -0.7696, 13.5400
Hunter-Lab	59.1578, 5.1996, 3.1959

Details

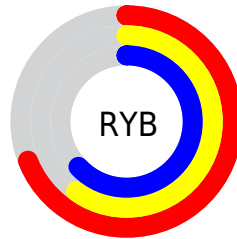
The Yxy color **34.9964, 0.3301, 0.3206** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.2509, 0.2978, 0.3376**, and the grayscale version is **35.9162, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.3417, 0.3267, 0.3215**, and **15.0897, 0.3348, 0.3173** is the 20% darker color. If you saturate the color by 10%, you get **29.1464, 0.3470, 0.3137**, and if you desaturate by 10%, it is **41.7590, 0.3163, 0.3271**.

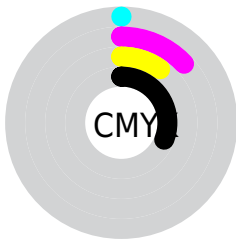
Distribution



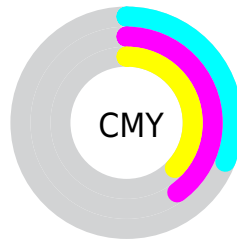
- Red (69%)
- Green (60%)
- Blue (63%)



- Red (69%)
- Yellow (60%)
- Blue (63%)



- Cyan (0%)
- Magenta (13%)
- Yellow (10%)
- Black (31%)




- Cyan (31%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9964, 0.3301, 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 34.9964, 0.3301, 0.3206 by changing the saturation by 10% instead.


 34.9964, 0.3301,
0.3206


 34.9964, 0.3301,
0.3206


324.5524, 0.3210,
0.3250

 23.6601, 0.3325,
0.3194


 67.4802, 0.3267,
0.3223

 15.0817, 0.3357,
0.3179


 89.3965, 0.3254,
0.3229

 8.8767, 0.3402,
0.3157


115.6082, 0.3244,
0.3234

 4.6609, 0.3468,
0.3125

146.4998, 0.3235,
0.3238

 2.0497, 0.3575,
0.3073

182.4556, 0.3227,
0.3242

 0.6361, 0.3861,
0.2934

223.8601, 0.3221,


 0.0000, 0.0000,

0.3245

0.0000


271.0975, 0.3215,
0.3248


 34.9964, 0.3301,
0.3206


 34.9964, 0.3301,
0.3206


 29.1464, 0.3470,
0.3137


 41.7590, 0.3163,
0.3271


 24.1652, 0.3677,
0.3066


 49.4661, 0.3051,
0.3332


 20.0126, 0.3927,
0.2998

 58.1540, 0.2959,
0.3388

 16.6432, 0.4224,
0.2937

 67.8555, 0.2884,
0.3439

 14.0072, 0.4565,
0.2893

 78.6020, 0.2823,
0.3485

■ 12.0492, 0.4938,
0.2876

■ 87.0611, 0.2767,
0.3472

■ 10.7057, 0.5318,
0.2896

■ 87.8581, 0.2703,
0.3327

■ 9.9009, 0.5668,
0.2958

■ 88.0864, 0.2686,
0.3289

■ 9.5471, 0.5883,
0.3015

Harmonies

Analogous

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



34.9964, 0.3161, 0.3103



34.9964, 0.3301, 0.3206



34.9964, 0.3395, 0.3332

Triad

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



34.9964, 0.3301, 0.3206



34.9964, 0.3235, 0.3545



34.9964, 0.2848, 0.3122

Complementary

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



34.9964, 0.3301, 0.3206



41.2509, 0.2978, 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.



34.9964, 0.2867, 0.3239



34.9964, 0.3301, 0.3206



34.9964, 0.3088, 0.3488

Square

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



34.9964, 0.3301, 0.3206



34.9964, 0.3355, 0.3529



34.9964, 0.2954, 0.3374



34.9964, 0.2901, 0.3053

Rectangle

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



34.9964, 0.3301, 0.3206



34.9964, 0.3417, 0.3413



34.9964, 0.2954, 0.3374



34.9964, 0.2846, 0.3157

Sweetspot

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



34.9979, 0.3301, 0.3206



73.4080, 0.3177, 0.3265



34.9289, 0.3083, 0.2970



15.7050, 0.3186, 0.3260



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



34.9979, 0.3301, 0.3206



59.0670, 0.3353, 0.3184



36.6025, 0.3350, 0.3366



8.5407, 0.3247, 0.3230



6.9265, 0.5855, 0.2999



0.2277, 0.5055, 0.2559

Inverse Universe

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



34.9979, 0.3301, 0.3206



59.0670, 0.3353, 0.3184



39.4085, 0.2930, 0.3213



8.5407, 0.3247, 0.3230



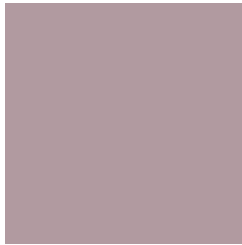
6.9265, 0.5855, 0.2999



0.2277, 0.5055, 0.2559

Previews

White Background



This preview shows how the Yxy color 34.9964, 0.3301, 0.3206 looks on a white background.

Color Contrast Check

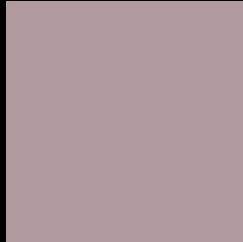
Large Text (above 18pt) WCAG AA × Fail

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 34.9964, 0.3301, 0.3206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

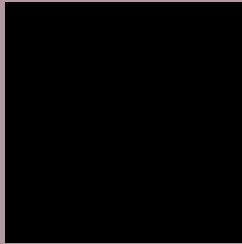
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9964, 0.3301, 0.3206

Background



This preview shows how black text looks on a background with the Yxy color 34.9964, 0.3301, 0.3206.



This preview shows how white text looks on a background with the Yxy color 34.9964, 0.3301, 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

34.9964, 0.3301, 0.3206

Protanopia

35.1220, 0.3120, 0.3232

Deuteranopia

35.0947, 0.3280, 0.3220



Tritanopia

34.9641, 0.3265, 0.3124

Trichromacy



Original Color

34.9964, 0.3301, 0.3206

Protanomaly

34.9381, 0.3179, 0.3218

Deuteranomaly

35.2109, 0.3290, 0.3220

Tritanomaly

34.8918, 0.3284, 0.3151

Monochromacy



Original Color

34.9964, 0.3301, 0.3206

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.5850, 0.3187, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9964, 0.3301, 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(177, 154, 160)` looks like.

```
.text, #text, p{  
    color:rgb(177, 154, 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(177, 154, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 154, 160) }
```

Border

The CSS property to change the border of an element to Yxy 34.9964, 0.3301, 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(177, 154, 160) }
```

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

```
.border{ border-color:rgb(177, 154, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 154, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 154, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 154, 160);  
box-shadow:4px 4px 4px 4px rgb(177, 154,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9964, 0.3301, 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(177, 154, 160) }
```

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

```
.background{ background-color: rgb(177,  
154, 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](#).

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