

Converting Colors

$Y_{xy}(35.0371, 0.3134, 0.3158)$

Have a look what the booklet for
Yxy(35.0371, 0.3134, 0.3158)
contains.

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Color

Yxy(34.9741, 0.3133, 0.3161)

Conversions

Conversions Part 1

Format	Color
Hex	A69DA6
RGB	166, 157, 166
RGB Percent	65%, 62%, 65%
CMY	0.3491, 0.3843, 0.3490
CMYK	0.00, 0.05, 0.00, 0.35
HSL	300°, 5%, 63%
HSV	300°, 5%, 65%
XYZ	34.6643, 34.9741, 41.0041
YIQ	160.7170, 2.4750, 4.7070

Conversions

Conversions Part 2

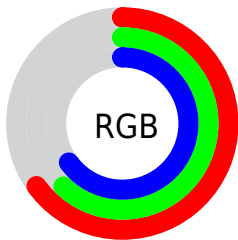
Format	Color
R _Y B	166, 157, 166
Decimal	10919334
CIE Lab	65.73, 4.95, -3.52
CIE LCh	66, 6.076, 324.631
Yxy	34.9741, 0.3133, 0.3161
Android (android.graphics.Color)	4289109414 (0xFFA69DA6)
YUV	160.7170, 2.6045, 4.6332
Hunter-Lab	59.1389, 1.1348, 0.2884

Details

The Yxy color **34.9741, 0.3133, 0.3161** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.8815, 0.3121, 0.3422**, and the grayscale version is **35.4895, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.6796, 0.3132, 0.3191**, and **15.1004, 0.3135, 0.3128** is the 20% darker color. If you saturate the color by 10%, you get **29.7300, 0.3144, 0.2918**, and if you desaturate by 10%, it is **40.9845, 0.3122, 0.3397**.

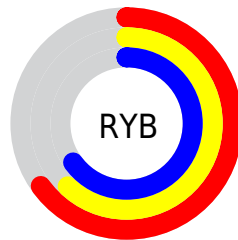
Distribution



Red (65%)

Green (62%)

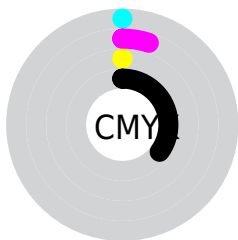
Blue (65%)



Red (65%)

Yellow (62%)

Blue (65%)

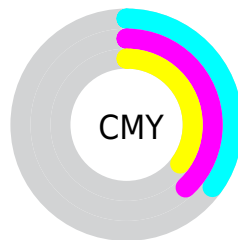


Cyan (0%)

Magenta (5%)

Yellow (0%)

Black (35%)



Cyan (35%)


Magenta (38%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9741, 0.3133, 0.3161 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 34.9741, 0.3133, 0.3161 by changing the saturation by 10% instead.


 34.9741, 0.3133,
0.3161


 34.9741, 0.3133,
0.3161


324.4540, 0.3130,
0.3228

 23.6429, 0.3134,
0.3143


 67.4456, 0.3132,
0.3186

 15.0690, 0.3134,
0.3120


 89.3548, 0.3132,
0.3195

 8.8678, 0.3135,
0.3088


115.5587, 0.3131,
0.3203

 4.6550, 0.3137,
0.3042

146.4419, 0.3131,
0.3209

 2.0463, 0.3138,
0.2967

182.3885, 0.3131,
0.3215

 0.6342, 0.3154,
0.2764

223.7832, 0.3131,

 0.0000, 0.0000,

0.3220

0.0000

271.0102, 0.3130,
0.3224

■ 34.9741, 0.3133,
0.3161

■ 34.9741, 0.3133,
0.3161

■ 29.7300, 0.3144,
0.2918

■ 40.9845, 0.3122,
0.3397

■ 25.2170, 0.3155,
0.2672

■ 47.7855, 0.3112,
0.3620

■ 21.4042, 0.3166,
0.2432

■ 55.4060, 0.3103,
0.3829

■ 18.2563, 0.3176,
0.2206

■ 63.8720, 0.3094,
0.4021

■ 15.7353, 0.3184,
0.2003

■ 73.2083, 0.3086,
0.4198

■ 13.7991, 0.3192,
0.1832

■ 82.4054, 0.3079,
0.4343

■ 12.4008, 0.3197,
0.1699

■ 82.4098, 0.3079,
0.4343

■ 11.4858, 0.3201,
0.1608

■ 82.4142, 0.3079,
0.4343

■ 10.9849, 0.3203,
0.1556

■ 82.4185, 0.3080,
0.4343

Harmonies

Analogous

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



34.9741, 0.3041, 0.3132



34.9741, 0.3133, 0.3161



34.9741, 0.3224, 0.3223

Triad

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



34.9741, 0.3133, 0.3161



34.9741, 0.3283, 0.3437



34.9741, 0.2967, 0.3273

Complementary

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



34.9741, 0.3133, 0.3161



36.8815, 0.3121, 0.3422

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.



34.9741, 0.3030, 0.3358



34.9741, 0.3133, 0.3161



34.9741, 0.3212, 0.3453

Square

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



34.9741, 0.3133, 0.3161



34.9741, 0.3311, 0.3382



34.9741, 0.3119, 0.3424



34.9741, 0.2947, 0.3195

Rectangle

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



34.9741, 0.3133, 0.3161



34.9741, 0.3272, 0.3276



34.9741, 0.3119, 0.3424



34.9741, 0.2984, 0.3302

Sweetspot

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



34.9756, 0.3133, 0.3161



67.0033, 0.3129, 0.3242



34.0896, 0.3047, 0.3160



15.0214, 0.3129, 0.3245



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



34.9756, 0.3133, 0.3161



61.7476, 0.3135, 0.3120



34.8210, 0.3173, 0.3223



7.8999, 0.3135, 0.3113



8.3880, 0.3203, 0.1538



0.2044, 0.3205, 0.1539

Inverse Universe

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



34.6598, 0.3215, 0.3290



61.0025, 0.3245, 0.3290



37.0306, 0.3084, 0.3358



7.8002, 0.3251, 0.3290



6.2874, 0.6397, 0.3298



0.1531, 0.6382, 0.3289

Previews

White Background



This preview shows how the Yxy color 34.9741, 0.3133, 0.3161 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 34.9741, 0.3133, 0.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

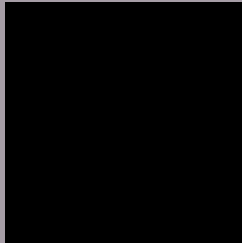
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

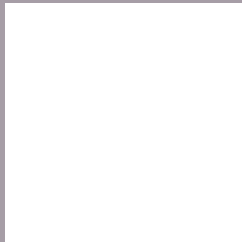
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.9741, 0.3133, 0.3161

Background



This preview shows how black text looks on a background with the Yxy color 34.9741, 0.3133, 0.3161.



This preview shows how white text looks on a background with the Yxy color 34.9741, 0.3133, 0.3161.

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

34.9741, 0.3133, 0.3161

Protanopia

35.0599, 0.3066, 0.3174

Deuteranopia

34.9665, 0.3193, 0.3135



Tritanopia

35.0855, 0.3106, 0.3119

Trichromacy



Original Color

34.9741, 0.3133, 0.3161

Protanomaly

34.9251, 0.3085, 0.3160

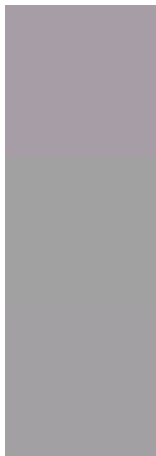
Deuteranomaly

35.0762, 0.3173, 0.3148

Tritanomaly

35.0481, 0.3115, 0.3133

Monochromacy



Original Color

34.9741, 0.3133, 0.3161

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.5725, 0.3129, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9741, 0.3133, 0.3161 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(166, 157, 166)` looks like.

```
.text, #text, p{  
    color:rgb(166, 157, 166)  
}
```

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(166, 157, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 157, 166) }
```

Border

The CSS property to change the border of an element to Yxy 34.9741, 0.3133, 0.3161 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(166, 157, 166) }
```

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

```
.border{ border-color:rgb(166, 157, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 157, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 157, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 157, 166);  
box-shadow:4px 4px 4px 4px rgb(166, 157,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9741, 0.3133, 0.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 157, 166) }
```

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

```
.background{ background-color: rgb(166,  
157, 166) }
```

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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