

Converting Colors

$Yxy(34.3985, 0.3169, 0.3202)$

Have a look what the booklet for
Yxy(34.3985, 0.3169, 0.3202)
contains.

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Color

Yxy(34.4926, 0.3170, 0.3204)

Conversions

Conversions Part 1

Format	Color
Hex	A69CA2
RGB	166, 156, 162
RGB Percent	65%, 61%, 64%
CMY	0.3492, 0.3881, 0.3648
CMYK	0.00, 0.06, 0.02, 0.35
HSL	324°, 5%, 63%
HSV	324°, 6%, 65%
XYZ	34.1266, 34.4926, 39.0356
YIQ	159.6740, 4.0340, 3.9860

Conversions

Conversions Part 2

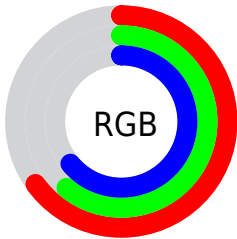
Format	Color
R_{YB}	166, 156, 162
Decimal	10919074
CIE Lab	65.35, 4.72, -1.82
CIE LCh	65, 5.060, 338.948
Yxy	34.4926, 0.3170, 0.3204
Android (android.graphics.Color)	4289109154 (0xFFA69CA2)
YUV	159.6740, 1.1467, 5.5479
Hunter-Lab	58.7304, 0.9431, 1.7037

Details

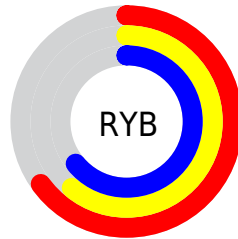
The Yxy color **34.4926, 0.3170, 0.3204** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.8606, 0.3087, 0.3378**, and the grayscale version is **34.9868, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.4751, 0.3161, 0.3213**, and **14.8063, 0.3188, 0.3188** is the 20% darker color. If you saturate the color by 10%, you get **29.0697, 0.3252, 0.3054**, and if you desaturate by 10%, it is **40.6918, 0.3101, 0.3346**.

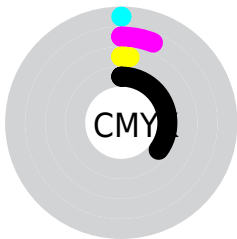
Distribution



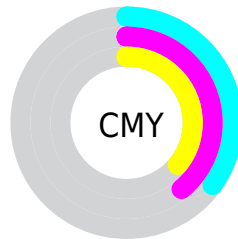
- Red (65%)
- Green (61%)
- Blue (64%)



- Red (65%)
- Yellow (61%)
- Blue (64%)



- Cyan (0%)
- Magenta (6%)
- Yellow (2%)
- Black (35%)





- Cyan (35%)
- Magenta (39%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.4926, 0.3170, 0.3204 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 34.4926, 0.3170, 0.3204 by changing the saturation by 10% instead.

 34.4926, 0.3170,
0.3204


 34.4926, 0.3170,
0.3204


322.3230, 0.3148,
0.3249

 23.2723, 0.3176,
0.3192


 66.6990, 0.3162,
0.3221

 14.7947, 0.3184,
0.3176


 88.4538, 0.3159,
0.3227

 8.6754, 0.3194,
0.3155


114.4890, 0.3156,
0.3232

 4.5301, 0.3210,
0.3123

145.1888, 0.3154,
0.3237

 1.9743, 0.3236,
0.3071

180.9377, 0.3152,
0.3240

 0.5925, 0.3321,
0.2900


222.1201, 0.3150,

 0.0000, 0.0000,


0.3244

0.0000


269.1204, 0.3149,
0.3246

 34.4926, 0.3170,
0.3204


 34.4926, 0.3170,
0.3204


 29.0697, 0.3252,
0.3054


 40.6918, 0.3101,
0.3346


 24.3879, 0.3350,
0.2899


 47.6918, 0.3043,
0.3479

 20.4156, 0.3465,
0.2743

 55.5219, 0.2995,
0.3602

 17.1175, 0.3597,
0.2592

 64.2082, 0.2955,
0.3715

 14.4550, 0.3746,
0.2455

 73.7759, 0.2922,
0.3819

■ 12.3859, 0.3912,
0.2343

■ 83.8713, 0.2894,
0.3909

■ 10.8624, 0.4088,
0.2266

■ 84.1910, 0.2860,
0.3828

■ 9.8296, 0.4270,
0.2234

■ 84.5243, 0.2827,
0.3749

■ 9.2137, 0.4449,
0.2252

■ 84.8714, 0.2794,
0.3670

Harmonies

Analogous

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



34.4926, 0.3091, 0.3165



34.4926, 0.3170, 0.3204



34.4926, 0.3238, 0.3266

Triad

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



34.4926, 0.3170, 0.3204



34.4926, 0.3232, 0.3424



34.4926, 0.2980, 0.3243

Complementary

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



34.4926, 0.3170, 0.3204



36.8606, 0.3087, 0.3378

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.



34.4926, 0.3017, 0.3314



34.4926, 0.3170, 0.3204



34.4926, 0.3162, 0.3419

Square

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



34.4926, 0.3170, 0.3204



34.4926, 0.3275, 0.3392



34.4926, 0.3083, 0.3379



34.4926, 0.2982, 0.3186

Rectangle

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



34.4926, 0.3170, 0.3204



34.4926, 0.3268, 0.3312



34.4926, 0.3083, 0.3379



34.4926, 0.2988, 0.3266

Sweetspot

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



34.4941, 0.3170, 0.3204



66.9155, 0.3141, 0.3261



33.9916, 0.3075, 0.3145



15.0028, 0.3140, 0.3263



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.



34.4941, 0.3170, 0.3204



61.4445, 0.3179, 0.3187



34.3264, 0.3215, 0.3273



7.8593, 0.3181, 0.3183



7.0063, 0.4507, 0.2257



0.1801, 0.3978, 0.1965

Inverse Universe

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



34.4941, 0.3170, 0.3204



61.4445, 0.3179, 0.3187



37.0321, 0.3046, 0.3307



7.8593, 0.3181, 0.3183



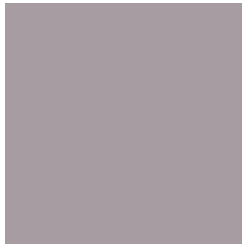
7.0063, 0.4507, 0.2257



0.1801, 0.3978, 0.1965

Previews

White Background



This preview shows how the Yxy color 34.4926, 0.3170, 0.3204 looks on a white background.

Color Contrast Check

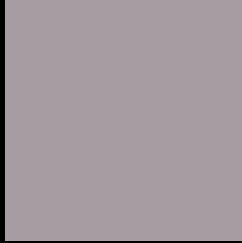
Large Text (above 18pt) WCAG AA × Fail

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 34.4926, 0.3170, 0.3204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

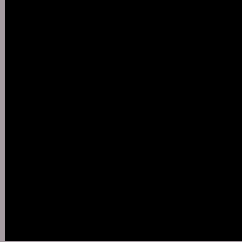
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

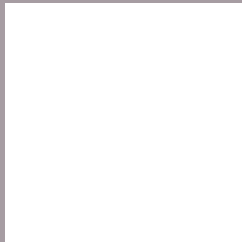
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.4926, 0.3170, 0.3204

Background



This preview shows how black text looks on a background with the Yxy color 34.4926, 0.3170, 0.3204.



This preview shows how white text looks on a background with the Yxy color 34.4926, 0.3170, 0.3204.

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

34.4926, 0.3170, 0.3204

Protanopia

34.5716, 0.3102, 0.3217

Deuteranopia

34.4905, 0.3232, 0.3177



Tritanopia

34.4482, 0.3135, 0.3119

Trichromacy



Original Color

34.4926, 0.3170, 0.3204

Protanomaly

34.4397, 0.3122, 0.3203

Deuteranomaly

34.5974, 0.3211, 0.3190

Tritanomaly

34.3748, 0.3154, 0.3147

Monochromacy



Original Color

34.4926, 0.3170, 0.3204

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.0509, 0.3138, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4926, 0.3170, 0.3204 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, 156, 162)` looks like.

```
.text, #text, p{  
    color:rgb(166, 156, 162)  
}
```

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, 156, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 156, 162) }
```

Border

The CSS property to change the border of an element to Yxy 34.4926, 0.3170, 0.3204 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, 156, 162) }
```

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

```
.border{ border-color:rgb(166, 156, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 156, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 156, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 156, 162);  
box-shadow:4px 4px 4px 4px rgb(166, 156,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4926, 0.3170, 0.3204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 156, 162) }
```

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

```
.background{ background-color: rgb(166,  
156, 162) }
```

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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