

Converting Colors

Yxy(34.8725, 0.3222, 0.3306)

Have a look what the booklet for
Yxy(34.8725, 0.3222, 0.3306)
contains.

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Color

Yxy(34.9950, 0.3214, 0.3305)

Conversions

Conversions Part 1

Format	Color
Hex	A69E9D
RGB	166, 158, 157
RGB Percent	65%, 62%, 62%
CMY	0.3492, 0.3803, 0.3843
CMYK	0.00, 0.05, 0.05, 0.35
HSL	7°, 5%, 63%
HSV	7°, 5%, 65%
XYZ	34.0314, 34.9950, 36.8586
YIQ	160.2780, 5.0890, 1.3850

Conversions

Conversions Part 2

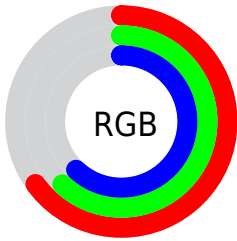
Format	Color
RYB	166, 158, 157
Decimal	10919581
CIELab	65.74, 2.70, 1.55
CIELCh	66, 3.112, 29.917
Yxy	34.9950, 0.3214, 0.3305
Android (android.graphics.Color)	4289109661 (0xFFA69E9D)
YUV	160.2780, -1.6161, 5.0182
Hunter-Lab	59.1566, -0.8370, 4.4679

Details

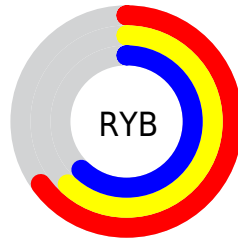
The Yxy color **34.9950, 0.3214, 0.3305** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.8072, 0.3045, 0.3275**, and the grayscale version is **35.2928, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.7141, 0.3193, 0.3301**, and **15.1334, 0.3238, 0.3311** is the 20% darker color. If you saturate the color by 10%, you get **29.7459, 0.3402, 0.3335**, and if you desaturate by 10%, it is **40.9246, 0.3060, 0.3278**.

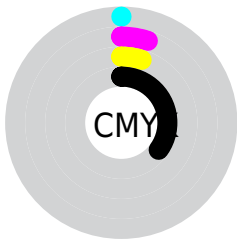
Distribution



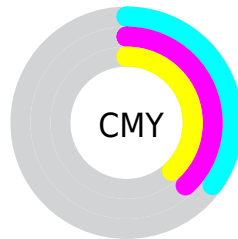
- Red (65%)
- Green (62%)
- Blue (62%)



- Red (65%)
- Yellow (62%)
- Blue (62%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (35%)





- Cyan (35%)
- Magenta (38%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9950, 0.3214, 0.3305 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 34.9950, 0.3214, 0.3305 by changing the saturation by 10% instead.


 34.9950, 0.3214,
0.3305


 34.9950, 0.3214,
0.3305


324.5463, 0.3168,
0.3297

 23.6590, 0.3226,
0.3307

 67.4780, 0.3197,
0.3302

 15.0809, 0.3242,
0.3310


 89.3939, 0.3191,
0.3301

 8.8762, 0.3265,
0.3313


115.6051, 0.3185,
0.3300

 4.6605, 0.3298,
0.3318

146.4961, 0.3181,
0.3300

 2.0495, 0.3352,
0.3326

182.4514, 0.3177,
0.3299

 0.6360, 0.3546,
0.3364

223.8552, 0.3174,

 0.0000, 0.0000,

0.3298

0.0000

271.0921, 0.3171,
0.3298

■ 34.9950, 0.3214,
0.3305

■ 34.9950, 0.3214,
0.3305

■ 29.7459, 0.3402,
0.3335

■ 40.9246, 0.3060,
0.3278

■ 25.1487, 0.3632,
0.3366

■ 47.5533, 0.2934,
0.3253

■ 21.1793, 0.3912,
0.3397

■ 54.9043, 0.2830,
0.3230

■ 17.8102, 0.4247,
0.3427

■ 62.9986, 0.2744,
0.3210

■ 15.0123, 0.4636,
0.3452

■ 71.8563, 0.2673,
0.3192

■ 12.7538, 0.5065,
0.3466

■ 81.3949, 0.2620,
0.3192

■ 10.9997, 0.5504,
0.3463

■ 86.8423, 0.2633,
0.3289

■ 9.7109, 0.5898,
0.3439

■ 8.8423, 0.6191,
0.3396

Harmonies

Analogous

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



34.9950, 0.3184, 0.3263



34.9950, 0.3214, 0.3305



34.9950, 0.3220, 0.3344

Triad

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



34.9950, 0.3214, 0.3305



34.9950, 0.3115, 0.3354



34.9950, 0.3053, 0.3212

Complementary

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



34.9950, 0.3214, 0.3305



36.8072, 0.3045, 0.3275

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.



34.9950, 0.3035, 0.3236



34.9950, 0.3214, 0.3305



34.9950, 0.3070, 0.3318

Square

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



34.9950, 0.3214, 0.3305



34.9950, 0.3163, 0.3372



34.9950, 0.3041, 0.3274



34.9950, 0.3091, 0.3210

Rectangle

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



34.9950, 0.3214, 0.3305



34.9950, 0.3211, 0.3362



34.9950, 0.3041, 0.3274



34.9950, 0.3045, 0.3218

Sweetspot

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



34.9965, 0.3214, 0.3305



67.0302, 0.3159, 0.3296



34.9348, 0.3141, 0.3174



15.0271, 0.3157, 0.3295



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.



34.9965, 0.3214, 0.3305



62.8309, 0.3226, 0.3307



36.5090, 0.3209, 0.3368



8.0273, 0.3233, 0.3308



6.6821, 0.6287, 0.3390



0.2033, 0.5879, 0.3714

Inverse Universe

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



36.8072, 0.3045, 0.3275



66.5369, 0.3035, 0.3273



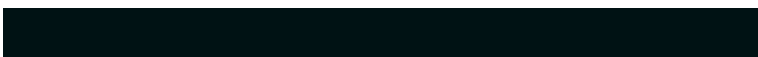
35.2635, 0.3046, 0.3211



8.5333, 0.3029, 0.3272



18.3877, 0.2148, 0.2934



0.4871, 0.2184, 0.3062

Previews

White Background



This preview shows how the Yxy color 34.9950, 0.3214, 0.3305 looks on a white background.

Color Contrast Check

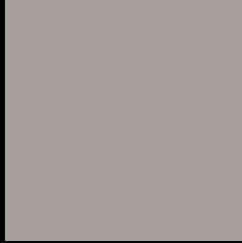
Large Text (above 18pt) WCAG AA × Fail

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 34.9950, 0.3214, 0.3305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

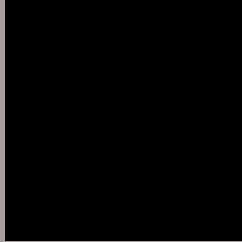
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9950, 0.3214, 0.3305

Background



This preview shows how black text looks on a background with the Yxy color 34.9950, 0.3214, 0.3305.

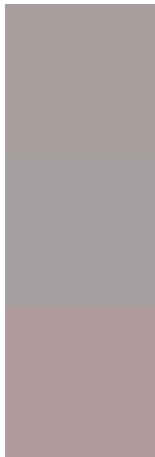


This preview shows how white text looks on a background with the Yxy color 34.9950, 0.3214, 0.3305.

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

34.9950, 0.3214, 0.3305

Protanopia

35.0514, 0.3175, 0.3305

Deuteranopia

35.1414, 0.3309, 0.3248



Tritanopia

34.9663, 0.3126, 0.3106

Trichromacy



Original Color

34.9950, 0.3214, 0.3305

Protanomaly

35.1574, 0.3185, 0.3305

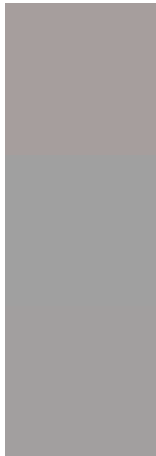
Deuteranomaly

35.0162, 0.3267, 0.3262

Tritanomaly

35.0460, 0.3152, 0.3176

Monochromacy



Original Color

34.9950, 0.3214, 0.3305

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.9809, 0.3156, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9950, 0.3214, 0.3305 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, 158, 157)` looks like.

```
.text, #text, p{  
    color:rgb(166, 158, 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(166, 158, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 158, 157) }
```

Border

The CSS property to change the border of an element to Yxy 34.9950, 0.3214, 0.3305 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, 158, 157) }
```

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

```
.border{ border-color:rgb(166, 158, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 158, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 158, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 158, 157);  
box-shadow:4px 4px 4px 4px rgb(166, 158,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9950, 0.3214, 0.3305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 158, 157) }
```

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

```
.background{ background-color: rgb(166,  
158, 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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