

Converting Colors

$Yxy(34.3498, 0.3316, 0.3716)$

Have a look what the booklet for
Yxy(34.3498, 0.3316, 0.3716)
contains.

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Color

Yxy(34.1795, 0.3312, 0.3704)

Conversions

Conversions Part 1

Format	Color
Hex	9BA186
RGB	155, 161, 134
RGB Percent	61%, 63%, 53%
CMY	0.3922, 0.3686, 0.4746
CMYK	0.04, 0.00, 0.17, 0.37
HSL	73°, 13%, 58%
HSV	73°, 17%, 63%
XYZ	30.5622, 34.1795, 27.5355
YIQ	156.1280, 5.0910, -9.6690

Conversions

Conversions Part 2

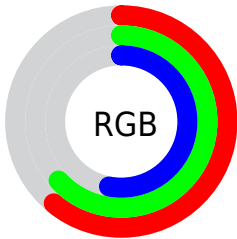
Format	Color
RYB	134, 161, 140
Decimal	10199430
CIELab	65.10, -7.04, 13.36
CIELCh	65, 15.103, 117.799
Yxy	34.1795, 0.3312, 0.3704
Android (android.graphics.Color)	4288389510 (0xFF9BA186)
YUV	156.1280, -10.9091, -0.9893
Hunter-Lab	58.4632, -8.9980, 12.9993

Details

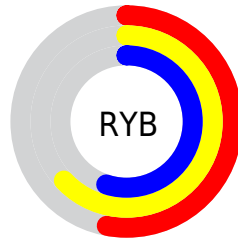
The Yxy color **34.1795, 0.3312, 0.3704** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.1968, 0.2922, 0.2857**, and the grayscale version is **33.3529, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.4012, 0.3281, 0.3625**, and **14.7350, 0.3375, 0.3860** is the 20% darker color. If you saturate the color by 10%, you get **33.4154, 0.3422, 0.3964**, and if you desaturate by 10%, it is **35.0255, 0.3201, 0.3453**.

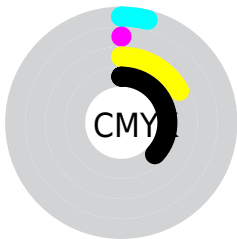
Distribution



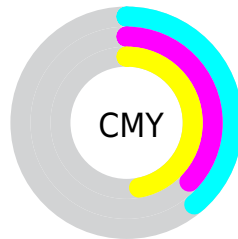
- Red (61%)
- Green (63%)
- Blue (53%)



- Red (53%)
- Yellow (63%)
- Blue (55%)



- Cyan (4%)
- Magenta (0%)
- Yellow (17%)
- Black (37%)





- Cyan (39%)
- Magenta (37%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1795, 0.3312, 0.3704 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 34.1795, 0.3312, 0.3704 by changing the saturation by 10% instead.


 34.1795, 0.3312,
0.3704

 34.1795, 0.3312,
0.3704


320.9317, 0.3217,
0.3483


 23.0315, 0.3337,
0.3764


 66.2127, 0.3277,
0.3620

 14.6168, 0.3369,
0.3844


 87.8667, 0.3264,
0.3590

 8.5509, 0.3412,
0.3957


 113.7916, 0.3253,
0.3565

 4.4494, 0.3473,
0.4126

144.3716, 0.3243,
0.3543

 1.9280, 0.3564,
0.4409

179.9913, 0.3235,
0.3525

 0.5651, 0.3925,
0.6075

221.0349, 0.3228,

 0.0000, 0.0000,

0.3509

0.0000

267.8869, 0.3222,
0.3495

■ 34.1795, 0.3312,
0.3704

■ 34.1795, 0.3312,
0.3704

■ 33.4154, 0.3422,
0.3964

■ 35.0255, 0.3201,
0.3453

■ 32.7257, 0.3527,
0.4227

■ 35.9520, 0.3093,
0.3215

■ 32.1083, 0.3623,
0.4483

■ 36.9633, 0.2988,
0.2994

■ 31.5596, 0.3705,
0.4722

■ 38.0619, 0.2890,
0.2790

■ 31.0755, 0.3767,
0.4935

■ 39.2506, 0.2798,
0.2604

■ 30.6515, 0.3806,
0.5111

■ 40.5316, 0.2712,
0.2436

■ 30.2822, 0.3821,
0.5243

■ 41.9074, 0.2634,
0.2283

■ 29.9597, 0.3812,
0.5333

■ 42.8678, 0.2608,
0.2214

■ 29.8608, 0.3808,
0.5359

■ 43.3160, 0.2635,
0.2222

Harmonies

Analogous

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



34.1795, 0.3501, 0.3665



34.1795, 0.3312, 0.3704



34.1795, 0.3078, 0.3621

Triad

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



34.1795, 0.3312, 0.3704



34.1795, 0.2684, 0.3029



34.1795, 0.3391, 0.3143

Complementary

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



34.1795, 0.3312, 0.3704



25.1968, 0.2922, 0.2857

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.



34.1795, 0.3163, 0.2988



34.1795, 0.3312, 0.3704



34.1795, 0.2760, 0.2918

Square

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



34.1795, 0.3312, 0.3704



34.1795, 0.2721, 0.3218



34.1795, 0.2933, 0.2906



34.1795, 0.3550, 0.3338

Rectangle

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



34.1795, 0.3312, 0.3704



34.1795, 0.2929, 0.3507



34.1795, 0.2933, 0.2906



34.1795, 0.3320, 0.3085

Sweetspot

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



34.1810, 0.3312, 0.3704



62.9891, 0.3183, 0.3412



28.0090, 0.3424, 0.3382



13.7913, 0.3190, 0.3428



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



34.1810, 0.3312, 0.3704



60.6986, 0.3352, 0.3797



32.9334, 0.3180, 0.3721



8.1572, 0.3229, 0.3514



23.8642, 0.3811, 0.5356



0.5201, 0.3958, 0.5239

Inverse Universe

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



25.1968, 0.2922, 0.2857



41.6495, 0.2872, 0.2754



26.4269, 0.3063, 0.2875



6.9326, 0.3020, 0.3060



2.3689, 0.1633, 0.0673



0.0689, 0.1979, 0.0864

Previews

White Background



This preview shows how the Yxy color 34.1795, 0.3312, 0.3704 looks on a white background.

Color Contrast Check

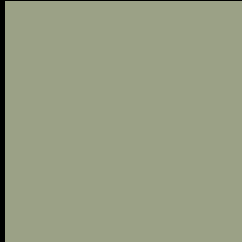
Large Text (above 18pt) WCAG AA × Fail

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 34.1795, 0.3312, 0.3704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

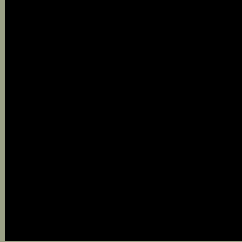
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

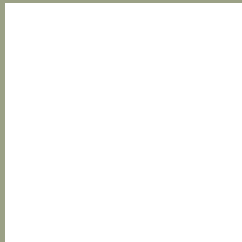
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.1795, 0.3312, 0.3704

Background



This preview shows how black text looks on a background with the Yxy color 34.1795, 0.3312, 0.3704.



This preview shows how white text looks on a background with the Yxy color 34.1795, 0.3312, 0.3704.

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

34.1795, 0.3312, 0.3704

Protanopia

33.8869, 0.3453, 0.3663

Deuteranopia

34.0578, 0.3587, 0.3518



Tritanopia

34.1151, 0.3049, 0.3101

Trichromacy



Original Color

34.1795, 0.3312, 0.3704

Protanomaly

33.8286, 0.3399, 0.3667

Deuteranomaly

33.9626, 0.3492, 0.3582

Tritanomaly

34.1231, 0.3145, 0.3320

Monochromacy



Original Color

34.1795, 0.3312, 0.3704

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.6598, 0.3198, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1795, 0.3312, 0.3704 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(155, 161, 134)` looks like.

```
.text, #text, p{  
    color:rgb(155, 161, 134)  
}
```

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(155, 161, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 161, 134) }
```

Border

The CSS property to change the border of an element to Yxy 34.1795, 0.3312, 0.3704 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(155, 161, 134) }
```

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

```
.border{ border-color:rgb(155, 161, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 161, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 161, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 161, 134);  
box-shadow:4px 4px 4px 4px rgb(155, 161,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1795, 0.3312, 0.3704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 161, 134) }
```

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

```
.background{ background-color: rgb(155,  
161, 134) }
```

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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