

Converting Colors

$Yxy(34.0472, 0.3034, 0.3472)$

Have a look what the booklet for
Yxy(34.0472, 0.3034, 0.3472)
contains.

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Color

Yxy(34.1795, 0.3035, 0.3476)

Conversions

Conversions Part 1

Format	Color
Hex	8EA397
RGB	142, 163, 151
RGB Percent	56%, 64%, 59%
CMY	0.4430, 0.3608, 0.4078
CMYK	0.13, 0.00, 0.07, 0.36
HSL	146°, 10%, 60%
HSV	146°, 13%, 64%
XYZ	29.8431, 34.1795, 34.3073
YIQ	155.3530, -8.6640, -8.1840

Conversions

Conversions Part 2

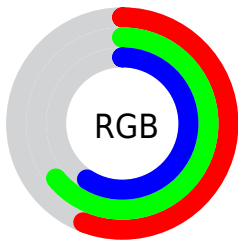
Format	Color
RYB	142, 157, 163
Decimal	9347991
CIELab	65.10, -9.75, 3.74
CIELCh	65, 10.445, 159.007
Yxy	34.1795, 0.3035, 0.3476
Android (android.graphics.Color)	4287538071 (0xFF8EA397)
YUV	155.3530, -2.1460, -11.7106
Hunter-Lab	58.4632, -11.1935, 6.1318

Details

The Yxy color **34.1795, 0.3035, 0.3476** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.4753, 0.3231, 0.3111**, and the grayscale version is **32.9587, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2863, 0.3056, 0.3442**, and **14.5643, 0.3011, 0.3537** is the 20% darker color. If you saturate the color by 10%, you get **32.5517, 0.2966, 0.3640**, and if you desaturate by 10%, it is **36.0449, 0.3107, 0.3329**.

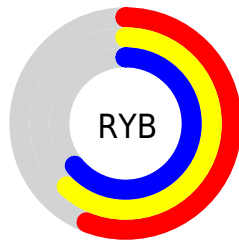
Distribution



Red (56%)

Green (64%)

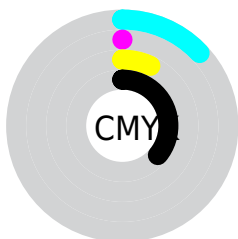
Blue (59%)



Red (56%)

Yellow (62%)

Blue (64%)

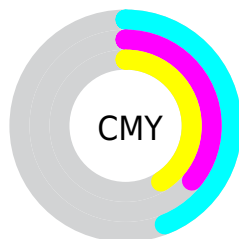


Cyan (13%)

Magenta (0%)

Yellow (7%)

Black (36%)



Cyan (44%)


Magenta (36%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1795, 0.3035, 0.3476 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, 0.3035, 0.3476 by changing the saturation by 10% instead.


 34.1795, 0.3035,
0.3476

 34.1795, 0.3035,
0.3476


320.9317, 0.3084,
0.3377


 23.0315, 0.3022,
0.3503


 66.2127, 0.3054,
0.3438

 14.6168, 0.3004,
0.3539


 87.8667, 0.3060,
0.3425

 8.5509, 0.2979,
0.3590


 113.7916, 0.3066,
0.3414

 4.4494, 0.2941,
0.3667

144.3716, 0.3071,
0.3404

 1.9280, 0.2877,
0.3796

179.9913, 0.3075,
0.3396

 0.5651, 0.2456,
0.4640

221.0349, 0.3078,

 0.0000, 0.0000,

0.3389

0.0000

267.8869, 0.3081,
0.3382

■ 34.1795, 0.3035,
0.3476

■ 34.1795, 0.3035,
0.3476

■ 32.5517, 0.2966,
0.3640

■ 36.0449, 0.3107,
0.3329

■ 31.1476, 0.2901,
0.3821

■ 38.1528, 0.3178,
0.3198

■ 29.9583, 0.2843,
0.4017

■ 40.5131, 0.3249,
0.3083

■ 28.9725, 0.2795,
0.4226

■ 43.1341, 0.3318,
0.2982

■ 28.1781, 0.2761,
0.4443

■ 46.0235, 0.3384,
0.2893

■ 27.5614, 0.2744,
0.4664

■ 49.1888, 0.3447,
0.2815

■ 27.1070, 0.2745,
0.4881

■ 52.4224, 0.3497,
0.2746

■ 26.7965, 0.2764,
0.5086

■ 52.9187, 0.3414,
0.2657

■ 26.6325, 0.2784,
0.5223

■ 53.4429, 0.3334,
0.2570

Harmonies

Analogous

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



34.1795, 0.3198, 0.3561



34.1795, 0.3035, 0.3476



34.1795, 0.2900, 0.3337

Triad

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



34.1795, 0.3035, 0.3476



34.1795, 0.2910, 0.3019



34.1795, 0.3439, 0.3378

Complementary

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



34.1795, 0.3035, 0.3476



29.4753, 0.3231, 0.3111

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, 0.3358, 0.3238



34.1795, 0.3035, 0.3476



34.1795, 0.3051, 0.3035

Square

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



34.1795, 0.3035, 0.3476



34.1795, 0.2829, 0.3074



34.1795, 0.3215, 0.3114



34.1795, 0.3434, 0.3499

Rectangle

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



34.1795, 0.3035, 0.3476



34.1795, 0.2842, 0.3237



34.1795, 0.3215, 0.3114



34.1795, 0.3421, 0.3331

Sweetspot

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



34.1809, 0.3035, 0.3476



64.1303, 0.3098, 0.3346



35.0421, 0.3229, 0.3608



14.3464, 0.3093, 0.3356



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



34.1809, 0.3035, 0.3476



60.4765, 0.3018, 0.3514



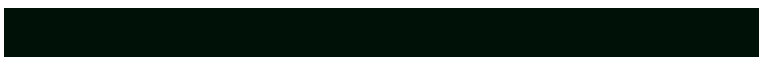
34.5281, 0.2950, 0.3316



7.9431, 0.3061, 0.3421



20.7087, 0.2780, 0.5206



0.4445, 0.2578, 0.4480

Inverse Universe

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



29.4753, 0.3231, 0.3111



50.6278, 0.3254, 0.3076



29.1486, 0.3337, 0.3264



7.1506, 0.3200, 0.3162



6.6774, 0.4624, 0.2321



0.1495, 0.3992, 0.1973

Previews

White Background



This preview shows how the Yxy color 34.1795, 0.3035, 0.3476 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, 0.3035, 0.3476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

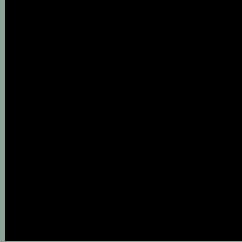
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

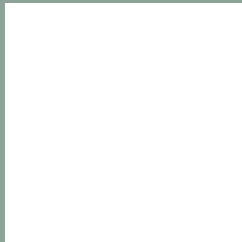
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.1795, 0.3035, 0.3476

Background



This preview shows how black text looks on a background with the Yxy color 34.1795, 0.3035, 0.3476.

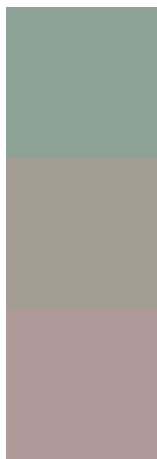


This preview shows how white text looks on a background with the Yxy color 34.1795, 0.3035, 0.3476.

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, 0.3035, 0.3476

Protanopia

34.0386, 0.3270, 0.3424

Deuteranopia

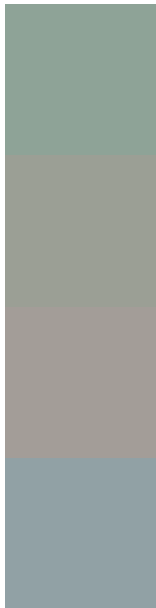
34.1963, 0.3351, 0.3291



Tritanopia

34.2697, 0.2888, 0.3096

Trichromacy



Original Color

34.1795, 0.3035, 0.3476

Protanomaly

33.9348, 0.3178, 0.3441

Deuteranomaly

34.1675, 0.3232, 0.3364

Tritanomaly

34.2261, 0.2945, 0.3229

Monochromacy



Original Color

34.1795, 0.3035, 0.3476

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.2708, 0.3086, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1795, 0.3035, 0.3476 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(142, 163, 151)` looks like.

```
.text, #text, p{  
    color:rgb(142, 163, 151)  
}
```

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(142, 163, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 163, 151) }
```

Border

The CSS property to change the border of an element to Yxy 34.1795, 0.3035, 0.3476 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(142, 163, 151) }
```

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

```
.border{ border-color:rgb(142, 163, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 163, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 163, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 163, 151);  
box-shadow:4px 4px 4px 4px rgb(142, 163,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1795, 0.3035, 0.3476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 163, 151) }
```

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

```
.background{ background-color: rgb(142,  
163, 151) }
```

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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