

Converting Colors

$Yxy(34.9958, 0.3007, 0.3523)$

Have a look what the booklet for
Yxy(34.9958, 0.3007, 0.3523)
contains.

Yxy(34.9958, 0.3007, 0.3523)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.9958, 0.3007, 0.3523)

Conversions

Conversions Part 1

Format	Color
Hex	8BA697
RGB	139, 166, 151
RGB Percent	55%, 65%, 59%
CMY	0.4549, 0.3490, 0.4077
CMYK	0.16, 0.00, 0.09, 0.35
HSL	147°, 13%, 60%
HSV	147°, 16%, 65%
XYZ	29.8701, 34.9958, 34.4693
YIQ	156.2170, -11.2770, -10.3890

Conversions

Conversions Part 2

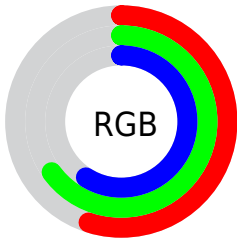
Format	Color
RYB	139, 158, 166
Decimal	9152151
CIELab	65.75, -12.41, 4.63
CIELCh	66, 13.247, 159.531
Yxy	34.9958, 0.3007, 0.3523
Android (android.graphics.Color)	4287342231 (0xFF8BA697)
YUV	156.2170, -2.5720, -15.0993
Hunter-Lab	59.1572, -13.3957, 6.8634

Details

The Yxy color **34.9958, 0.3007, 0.3523** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.9024, 0.3268, 0.3068**, and the grayscale version is **33.3639, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.4581, 0.3034, 0.3477**, and **15.0786, 0.2973, 0.3605** is the 20% darker color. If you saturate the color by 10%, you get **33.3876, 0.2937, 0.3688**, and if you desaturate by 10%, it is **36.8473, 0.3080, 0.3375**.

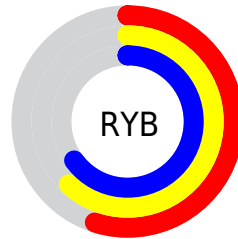
Distribution



Red (55%)

Green (65%)

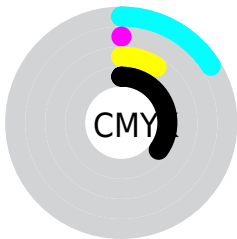
Blue (59%)



Red (55%)

Yellow (62%)

Blue (65%)

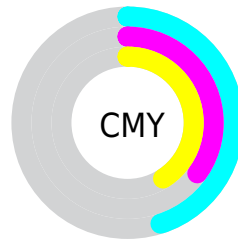


Cyan (16%)

Magenta (0%)

Yellow (9%)

Black (35%)



Cyan (45%)


Magenta (35%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9958, 0.3007, 0.3523 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 34.9958, 0.3007, 0.3523 by changing the saturation by 10% instead.


 34.9958, 0.3007,
0.3523


 34.9958, 0.3007,
0.3523

324.5498, 0.3071,
0.3399


 23.6596, 0.2990,
0.3557


 67.4793, 0.3031,
0.3476

 15.0813, 0.2966,
0.3602


 89.3954, 0.3040,
0.3459

 8.8765, 0.2934,
0.3665


 115.6069, 0.3047,
0.3445

 4.6607, 0.2885,
0.3761

146.4982, 0.3054,
0.3433

 2.0496, 0.2803,
0.3922

182.4538, 0.3059,
0.3423

 0.6361, 0.2309,
0.4869

223.8580, 0.3063,

 0.0000, 0.0000,

0.3414

0.0000

271.0952, 0.3067,
0.3406

■ 34.9958, 0.3007,
0.3523

■ 34.9958, 0.3007,
0.3523

■ 33.3876, 0.2937,
0.3688

■ 36.8473, 0.3080,
0.3375

■ 32.0081, 0.2872,
0.3868

■ 38.9472, 0.3155,
0.3243

■ 30.8475, 0.2815,
0.4063

■ 41.3063, 0.3229,
0.3125

■ 29.8939, 0.2771,
0.4269

■ 43.9331, 0.3301,
0.3022

■ 29.1342, 0.2741,
0.4482

■ 46.8359, 0.3371,
0.2932

■ 28.5536, 0.2729,
0.4696

■ 50.0225, 0.3438,
0.2853

■ 28.1349, 0.2735,
0.4905

■ 53.4637, 0.3499,
0.2784

■ 27.8550, 0.2760,
0.5102

■ 53.9516, 0.3418,
0.2695

■ 27.7676, 0.2770,
0.5172

■ 54.4667, 0.3339,
0.2609

Harmonies

Analogous

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



34.9958, 0.3211, 0.3633



34.9958, 0.3007, 0.3523



34.9958, 0.2839, 0.3346

Triad

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



34.9958, 0.3007, 0.3523



34.9958, 0.2857, 0.2951



34.9958, 0.3522, 0.3401

Complementary

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



34.9958, 0.3007, 0.3523



28.9024, 0.3268, 0.3068

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.



34.9958, 0.3421, 0.3227



34.9958, 0.3007, 0.3523



34.9958, 0.3034, 0.2973

Square

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



34.9958, 0.3007, 0.3523



34.9958, 0.2755, 0.3016



34.9958, 0.3240, 0.3073



34.9958, 0.3512, 0.3553

Rectangle

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



34.9958, 0.3007, 0.3523



34.9958, 0.2768, 0.3218



34.9958, 0.3240, 0.3073



34.9958, 0.3500, 0.3343

Sweetspot

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



34.9973, 0.3007, 0.3523



67.2964, 0.3089, 0.3358



36.0370, 0.3252, 0.3699



15.0049, 0.3084, 0.3368



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.



34.9973, 0.3007, 0.3523



62.2643, 0.2978, 0.3589



35.4497, 0.2901, 0.3317



8.4612, 0.3058, 0.3418



21.5405, 0.2765, 0.5156



0.5345, 0.2581, 0.4493

Inverse Universe

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



28.9024, 0.3268, 0.3068



48.8055, 0.3311, 0.3009



28.4873, 0.3408, 0.3264



7.6093, 0.3203, 0.3166



6.8959, 0.4697, 0.2361



0.1778, 0.4086, 0.2025

Previews

White Background



This preview shows how the Yxy color 34.9958, 0.3007, 0.3523 looks on a white background.

Color Contrast Check

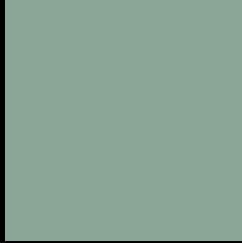
Large Text (above 18pt) WCAG AA × Fail

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 34.9958, 0.3007, 0.3523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

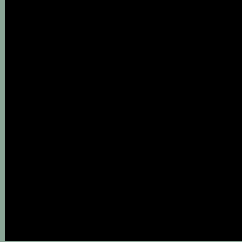
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

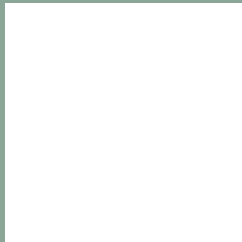
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.9958, 0.3007, 0.3523

Background



This preview shows how black text looks on a background with the Yxy color 34.9958, 0.3007, 0.3523.

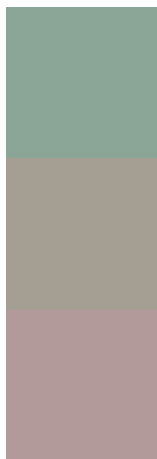


This preview shows how white text looks on a background with the Yxy color 34.9958, 0.3007, 0.3523.

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

34.9958, 0.3007, 0.3523

Protanopia

34.9022, 0.3296, 0.3467

Deuteranopia

34.7582, 0.3369, 0.3305



Tritanopia

34.7754, 0.2847, 0.3095

Trichromacy



Original Color

34.9958, 0.3007, 0.3523

Protanomaly

35.0467, 0.3194, 0.3501

Deuteranomaly

34.5072, 0.3231, 0.3379

Tritanomaly

34.6983, 0.2911, 0.3244

Monochromacy



Original Color

34.9958, 0.3007, 0.3523

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.9587, 0.3085, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9958, 0.3007, 0.3523 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(139, 166, 151)` looks like.

```
.text, #text, p{  
    color:rgb(139, 166, 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(139, 166, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 166, 151) }
```

Border

The CSS property to change the border of an element to Yxy 34.9958, 0.3007, 0.3523 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(139, 166, 151) }
```

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

```
.border{ border-color:rgb(139, 166, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 166, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 166, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 166, 151);  
box-shadow:4px 4px 4px 4px rgb(139, 166,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9958, 0.3007, 0.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 166, 151) }
```

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

```
.background{ background-color: rgb(139,  
166, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor