

Converting Colors

Yxy(34.8518, 0.2963, 0.3400)

Have a look what the booklet for
Yxy(34.8518, 0.2963, 0.3400)
contains.

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Color

Yxy(34.9543, 0.2959, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	8CA59E
RGB	140, 165, 158
RGB Percent	55%, 65%, 62%
CMY	0.4508, 0.3530, 0.3803
CMYK	0.15, 0.00, 0.04, 0.35
HSL	163°, 12%, 60%
HSV	163°, 15%, 65%
XYZ	30.4474, 34.9543, 37.4959
YIQ	156.7270, -12.6530, -7.4770

Conversions

Conversions Part 2

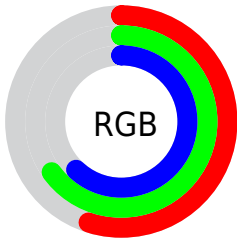
Format	Color
RYB	140, 155, 165
Decimal	9217438
CIELab	65.71, -10.10, 0.70
CIELCh	66, 10.119, 176.041
Yxy	34.9543, 0.2959, 0.3397
Android (android.graphics.Color)	4287407518 (0xFF8CA59E)
YUV	156.7270, 0.6276, -14.6696
Hunter-Lab	59.1222, -11.5379, 3.7832

Details

The Yxy color **34.9543, 0.2959, 0.3397** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.8730, 0.3328, 0.3186**, and the grayscale version is **33.5931, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.4598, 0.2991, 0.3371**, and **15.0455, 0.2906, 0.3422** is the 20% darker color. If you saturate the color by 10%, you get **33.4718, 0.2855, 0.3477**, and if you desaturate by 10%, it is **36.6606, 0.3069, 0.3324**.

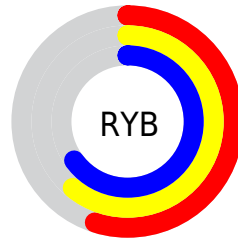
Distribution



Red (55%)

Green (65%)

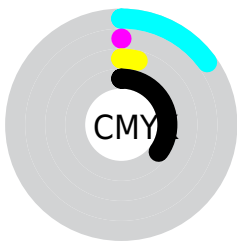
Blue (62%)



Red (55%)

Yellow (61%)

Blue (65%)

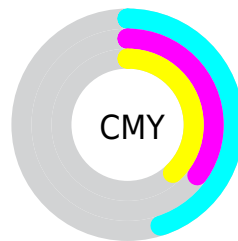


Cyan (15%)

Magenta (0%)

Yellow (4%)

Black (35%)



Cyan (45%)


Magenta (35%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.9543, 0.2959, 0.3397 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 34.9543, 0.2959, 0.3397 by changing the saturation by 10% instead.

 34.9543, 0.2959,
0.3397


 34.9543, 0.2959,
0.3397


324.3666, 0.3047,
0.3341

 23.6277, 0.2936,
0.3412


 67.4150, 0.2992,
0.3376

 15.0577, 0.2904,
0.3432


 89.3178, 0.3004,
0.3368

 8.8599, 0.2861,
0.3460


 115.5148, 0.3014,
0.3362

 4.6499, 0.2798,
0.3501

146.3904, 0.3023,
0.3356

 2.0433, 0.2694,
0.3568

182.3290, 0.3030,
0.3352

 0.6325, 0.2180,
0.3887

223.7150, 0.3037,

 0.0000, 0.0000,

0.3348

0.0000

270.9327, 0.3042,
0.3344

■ 34.9543, 0.2959,
0.3397

■ 34.9543, 0.2959,
0.3397

■ 33.4718, 0.2855,
0.3477

■ 36.6606, 0.3069,
0.3324

■ 32.1992, 0.2759,
0.3563

■ 38.5953, 0.3183,
0.3259

■ 31.1276, 0.2674,
0.3655

■ 40.7684, 0.3298,
0.3200

■ 30.2458, 0.2603,
0.3753

■ 43.1880, 0.3412,
0.3148

■ 29.5414, 0.2549,
0.3854

■ 45.8617, 0.3524,
0.3103

■ 29.0007, 0.2514,
0.3957

■ 48.7969, 0.3633,
0.3062

■ 28.6078, 0.2497,
0.4062

■ 51.8993, 0.3734,
0.3027

■ 28.3428, 0.2500,
0.4165

■ 52.1047, 0.3690,
0.2979

■ 28.2362, 0.2504,
0.4215

■ 52.3166, 0.3647,
0.2932

Harmonies

Analogous

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



34.9543, 0.3105, 0.3512



34.9543, 0.2959, 0.3397



34.9543, 0.2859, 0.3253

Triad

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



34.9543, 0.2959, 0.3397



34.9543, 0.2990, 0.3030



34.9543, 0.3435, 0.3445

Complementary

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



34.9543, 0.2959, 0.3397



28.8730, 0.3328, 0.3186

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.



34.9543, 0.3403, 0.3317



34.9543, 0.2959, 0.3397



34.9543, 0.3143, 0.3081

Square

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



34.9543, 0.2959, 0.3397



34.9543, 0.2876, 0.3044



34.9543, 0.3295, 0.3185



34.9543, 0.3382, 0.3537

Rectangle

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



34.9543, 0.2959, 0.3397



34.9543, 0.2830, 0.3163



34.9543, 0.3295, 0.3185



34.9543, 0.3434, 0.3405

Sweetspot

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



34.9558, 0.2959, 0.3397



65.6733, 0.3070, 0.3324



35.0156, 0.3175, 0.3676



14.3103, 0.3062, 0.3329



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.



34.9558, 0.2959, 0.3397



61.7148, 0.2925, 0.3422



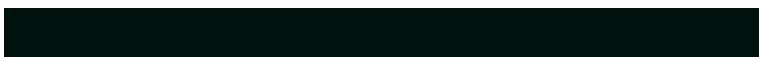
33.2936, 0.2900, 0.3206



7.9773, 0.3023, 0.3354



21.3717, 0.2501, 0.4205



0.4565, 0.2398, 0.3832

Inverse Universe

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



28.8730, 0.3328, 0.3186



48.8008, 0.3380, 0.3162



30.2803, 0.3391, 0.3372



7.1170, 0.3243, 0.3227



6.2092, 0.5787, 0.2961



0.1381, 0.4827, 0.2433

Previews

White Background



This preview shows how the Yxy color 34.9543, 0.2959, 0.3397 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 34.9543, 0.2959, 0.3397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

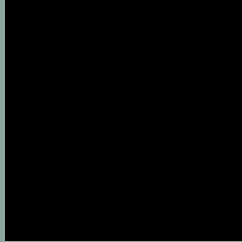
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9543, 0.2959, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 34.9543, 0.2959, 0.3397.

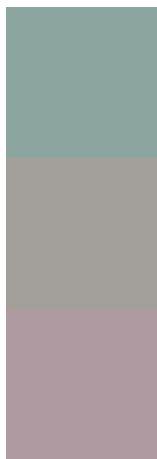


This preview shows how white text looks on a background with the Yxy color 34.9543, 0.2959, 0.3397.

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

34.9543, 0.2959, 0.3397

Protanopia

34.9159, 0.3211, 0.3364

Deuteranopia

34.6479, 0.3271, 0.3206



Tritanopia

34.7754, 0.2847, 0.3095

Trichromacy



Original Color

34.9543, 0.2959, 0.3397

Protanomaly

34.8249, 0.3123, 0.3380

Deuteranomaly

34.6383, 0.3157, 0.3275

Tritanomaly

34.8097, 0.2887, 0.3199

Monochromacy



Original Color

34.9543, 0.2959, 0.3397

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.1552, 0.3068, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9543, 0.2959, 0.3397 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(140, 165, 158)` looks like.

```
.text, #text, p{  
    color:rgb(140, 165, 158)  
}
```

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(140, 165, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 165, 158) }
```

Border

The CSS property to change the border of an element to Yxy 34.9543, 0.2959, 0.3397 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(140, 165, 158) }
```

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

```
.border{ border-color:rgb(140, 165, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 165, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 165, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 165, 158);  
box-shadow:4px 4px 4px 4px rgb(140, 165,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9543, 0.2959, 0.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 165, 158) }
```

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

```
.background{ background-color: rgb(140,  
165, 158) }
```

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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