

Converting Colors

$Yxy(34.4783, 0.2960, 0.3057)$

Have a look what the booklet for
Yxy(34.4783, 0.2960, 0.3057)
contains.

Yxy(34.4783, 0.2960, 0.3057)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.4783, 0.2960, 0.3057)

Conversions

Conversions Part 1

Format	Color
Hex	9B9EAE
RGB	155, 158, 174
RGB Percent	61%, 62%, 68%
CMY	0.3921, 0.3804, 0.3178
CMYK	0.11, 0.09, 0.00, 0.32
HSL	231°, 10%, 65%
HSV	231°, 11%, 68%
XYZ	33.3843, 34.4783, 44.9222
YIQ	158.9270, -6.9240, 4.3400

Conversions

Conversions Part 2

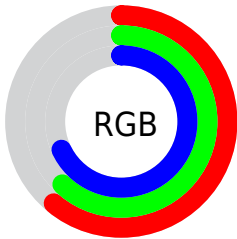
Format	Color
RYB	155, 158, 174
Decimal	10198702
CIELab	65.34, 2.18, -8.65
CIELCh	65, 8.917, 284.119
Yxy	34.4783, 0.2960, 0.3057
Android (android.graphics.Color)	4288388782 (0xFF9B9EAE)
YUV	158.9270, 7.4310, -3.4440
Hunter-Lab	58.7182, -1.2706, -4.2568

Details

The Yxy color $34.4783, 0.2960, 0.3057$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $40.4816, 0.3291, 0.3513$, and the grayscale version is $34.6049, 0.3127, 0.3290$.

A 20% lighter version of the original color is $66.8010, 0.2992, 0.3112$, and $14.8636, 0.2904, 0.2981$ is the 20% darker color. If you saturate the color by 10%, you get $28.1744, 0.2790, 0.2815$, and if you desaturate by 10%, it is $41.6295, 0.3114, 0.3272$.

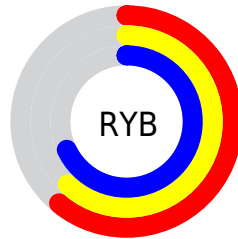
Distribution



Red (61%)

Green (62%)

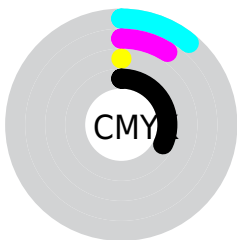
Blue (68%)



Red (61%)

Yellow (62%)

Blue (68%)

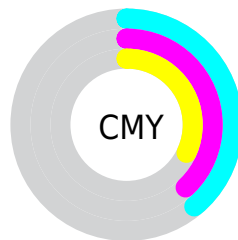


Cyan (11%)

Magenta (9%)

Yellow (0%)

Black (32%)



Cyan (39%)

Magenta (38%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.4783, 0.2960, 0.3057 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 34.4783, 0.2960, 0.3057 by changing the saturation by 10% instead.

■ 34.4783, 0.2960,
0.3057

■ 34.4783, 0.2960,
0.3057

■ 322.2595, 0.3048,
0.3178

■ 23.2613, 0.2937,
0.3025

■ 66.6768, 0.2993,
0.3102

■ 14.7866, 0.2906,
0.2983

■ 88.4270, 0.3005,
0.3119

■ 8.6697, 0.2863,
0.2925

■ 114.4571, 0.3015,
0.3133

■ 4.5264, 0.2800,
0.2840

■ 145.1515, 0.3024,
0.3145

■ 1.9722, 0.2697,
0.2705

■ 180.8946, 0.3031,
0.3155

■ 0.5912, 0.2477,
0.2381

■ 222.0706, 0.3037,

■ 0.0000, 0.0000,

0.3164

0.0000

269.0642, 0.3043,
0.3172

■ 34.4783, 0.2960,
0.3057

■ 34.4783, 0.2960,
0.3057

■ 28.1744, 0.2790,
0.2815

■ 41.6295, 0.3114,
0.3272

■ 22.6821, 0.2607,
0.2546

■ 49.6535, 0.3252,
0.3461

■ 17.9694, 0.2413,
0.2255

■ 58.5799, 0.3376,
0.3625

■ 14.0005, 0.2217,
0.1950

■ 68.4360, 0.3484,
0.3768

■ 10.7369, 0.2026,
0.1642

■ 79.2474, 0.3580,
0.3892

■ 8.1365, 0.1853,
0.1349

■ 90.1952, 0.3634,
0.4006

■ 6.1524, 0.1709,
0.1089

■ 95.8347, 0.3609,
0.4086

■ 4.7315, 0.1603,
0.0879

■ 3.8565, 0.1539,
0.0738

Harmonies

Analogous

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



34.4783, 0.2880, 0.3094



34.4783, 0.2960, 0.3057



34.4783, 0.3086, 0.3080

Triad

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



34.4783, 0.2960, 0.3057



34.4783, 0.3397, 0.3385



34.4783, 0.3027, 0.3430

Complementary

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



34.4783, 0.2960, 0.3057



40.4816, 0.3291, 0.3513

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.



34.4783, 0.3164, 0.3512



34.4783, 0.2960, 0.3057



34.4783, 0.3380, 0.3483

Square

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



34.4783, 0.2960, 0.3057



34.4783, 0.3340, 0.3266



34.4783, 0.3294, 0.3530



34.4783, 0.2918, 0.3309

Rectangle

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



34.4783, 0.2960, 0.3057



34.4783, 0.3180, 0.3126



34.4783, 0.3294, 0.3530



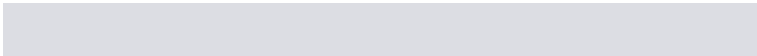
34.4783, 0.3071, 0.3463

Sweetspot

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



34.4797, 0.2960, 0.3057



72.6067, 0.3082, 0.3228



40.1626, 0.2988, 0.3335



15.9006, 0.3070, 0.3211



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



34.4797, 0.2960, 0.3057



59.7580, 0.2922, 0.3003



34.1158, 0.3019, 0.3018



7.9533, 0.2986, 0.3093



2.8570, 0.1542, 0.0752



0.1401, 0.1669, 0.1210

Inverse Universe

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



34.9127, 0.3288, 0.3248



60.7270, 0.3328, 0.3239



40.9129, 0.3228, 0.3558



8.0352, 0.3262, 0.3255



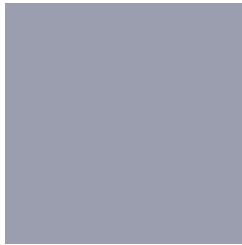
6.5915, 0.6148, 0.3160



0.1895, 0.5453, 0.2778

Previews

White Background



This preview shows how the Yxy color 34.4783, 0.2960, 0.3057 looks on a white background.

Color Contrast Check

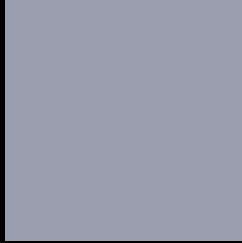
Large Text (above 18pt) WCAG AA × Fail

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 34.4783, 0.2960, 0.3057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

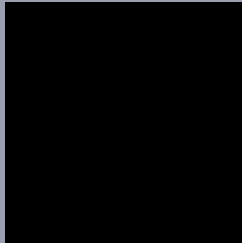
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

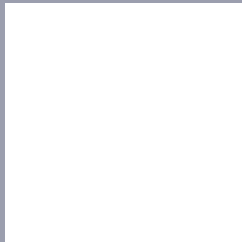
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.4783, 0.2960, 0.3057

Background



This preview shows how black text looks on a background with the Yxy color 34.4783, 0.2960, 0.3057.

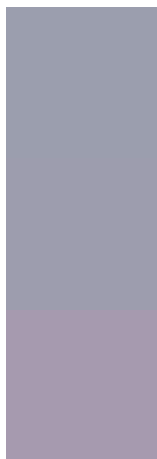


This preview shows how white text looks on a background with the Yxy color 34.4783, 0.2960, 0.3057.

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

34.4783, 0.2960, 0.3057

Protanopia

34.3380, 0.2978, 0.3043

Deuteranopia

34.3133, 0.3054, 0.2992



Tritanopia

34.3626, 0.2985, 0.3099

Trichromacy



Original Color

34.4783, 0.2960, 0.3057

Protanomaly

34.2379, 0.2969, 0.3042

Deuteranomaly

34.2192, 0.3016, 0.3004

Tritanomaly

34.4008, 0.2976, 0.3085

Monochromacy



Original Color

34.4783, 0.2960, 0.3057

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.7457, 0.3073, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4783, 0.2960, 0.3057 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, 158, 174)` looks like.

```
.text, #text, p{  
    color:rgb(155, 158, 174)  
}
```

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, 158, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 158, 174) }
```

Border

The CSS property to change the border of an element to Yxy 34.4783, 0.2960, 0.3057 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, 158, 174) }
```

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

```
.border{ border-color:rgb(155, 158, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 158, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 158, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 158, 174);  
box-shadow:4px 4px 4px 4px rgb(155, 158,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4783, 0.2960, 0.3057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 158, 174) }
```

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

```
.background{ background-color: rgb(155,  
158, 174) }
```

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