

Converting Colors

$Yxy(34.8631, 0.3043, 0.3522)$

Have a look what the booklet for
Yxy(34.8631, 0.3043, 0.3522)
contains.

Yxy(34.8631, 0.3043, 0.3522)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.8631, 0.3043, 0.3522)

Conversions

Conversions Part 1

Format	Color
Hex	8EA596
RGB	142, 165, 150
RGB Percent	56%, 65%, 59%
CMY	0.4430, 0.3530, 0.4117
CMYK	0.14, 0.00, 0.09, 0.35
HSL	141°, 11%, 60%
HSV	141°, 14%, 65%
XYZ	30.1216, 34.8631, 34.0019
YIQ	156.4130, -8.8930, -9.5410

Conversions

Conversions Part 2

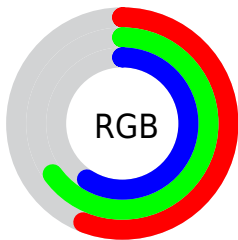
Format	Color
RYB	142, 159, 165
Decimal	9348502
CIELab	65.64, -11.01, 5.07
CIELCh	66, 12.125, 155.267
Yxy	34.8631, 0.3043, 0.3522
Android (android.graphics.Color)	4287538582 (0xFF8EA596)
YUV	156.4130, -3.1616, -12.6402
Hunter-Lab	59.0450, -12.2674, 7.1885

Details

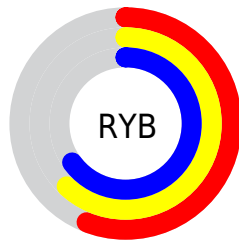
The Yxy color **34.8631, 0.3043, 0.3522** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.7920, 0.3222, 0.3069**, and the grayscale version is **33.4614, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2818, 0.3062, 0.3477**, and **14.9864, 0.3022, 0.3603** is the 20% darker color. If you saturate the color by 10%, you get **33.1799, 0.2984, 0.3713**, and if you desaturate by 10%, it is **36.7972, 0.3103, 0.3351**.

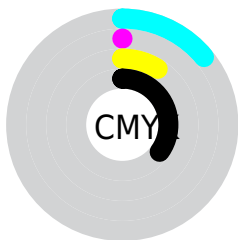
Distribution



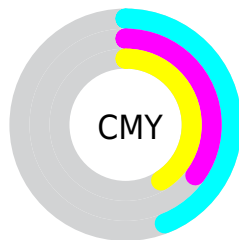
- Red (56%)
- Green (65%)
- Blue (59%)



- Red (56%)
- Yellow (62%)
- Blue (65%)



- Cyan (14%)
- Magenta (0%)
- Yellow (9%)
- Black (35%)





- Cyan (44%)
- Magenta (35%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.8631, 0.3043, 0.3522 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 34.8631, 0.3043, 0.3522 by changing the saturation by 10% instead.

 34.8631, 0.3043,
0.3522


 34.8631, 0.3043,
0.3522


323.9637, 0.3088,
0.3399

 23.5574, 0.3031,
0.3556


 67.2736, 0.3060,
0.3475

 15.0057, 0.3014,
0.3601


 89.1473, 0.3066,
0.3458

 8.8234, 0.2991,
0.3664


 115.3124, 0.3072,
0.3444

 4.6261, 0.2955,
0.3759

146.1534, 0.3076,
0.3432

 2.0296, 0.2894,
0.3920

182.0546, 0.3080,
0.3422

 0.6246, 0.2548,
0.4899

223.4004, 0.3083,

 0.0000, 0.0000,

0.3413

0.0000

270.5753, 0.3086,
0.3405

■ 34.8631, 0.3043,
0.3522

■ 34.8631, 0.3043,
0.3522

■ 33.1799, 0.2984,
0.3713

■ 36.7972, 0.3103,
0.3351

■ 31.7328, 0.2929,
0.3923

■ 38.9875, 0.3164,
0.3200

■ 30.5122, 0.2881,
0.4151

■ 41.4445, 0.3223,
0.3067

■ 29.5063, 0.2841,
0.4392

■ 44.1771, 0.3280,
0.2950

■ 28.7020, 0.2815,
0.4641

■ 47.1935, 0.3335,
0.2849

■ 28.0846, 0.2804,
0.4889

■ 50.5016, 0.3386,
0.2760

■ 27.6376, 0.2810,
0.5126

■ 53.6248, 0.3413,
0.2678

■ 27.3412, 0.2833,
0.5341

■ 54.2325, 0.3321,
0.2578

■ 27.2062, 0.2850,
0.5461

■ 54.8779, 0.3232,
0.2482

Harmonies

Analogous

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



34.8631, 0.3231, 0.3610



34.8631, 0.3043, 0.3522



34.8631, 0.2881, 0.3366

Triad

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



34.8631, 0.3043, 0.3522



34.8631, 0.2861, 0.2982



34.8631, 0.3481, 0.3370

Complementary

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



34.8631, 0.3043, 0.3522



29.7920, 0.3222, 0.3069

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.



34.8631, 0.3376, 0.3210



34.8631, 0.3043, 0.3522



34.8631, 0.3016, 0.2991

Square

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



34.8631, 0.3043, 0.3522



34.8631, 0.2779, 0.3054



34.8631, 0.3204, 0.3074



34.8631, 0.3488, 0.3515

Rectangle

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



34.8631, 0.3043, 0.3522



34.8631, 0.2808, 0.3249



34.8631, 0.3204, 0.3074



34.8631, 0.3456, 0.3317

Sweetspot

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



34.8646, 0.3043, 0.3522



65.8477, 0.3102, 0.3354



36.0644, 0.3256, 0.3634



14.3376, 0.3098, 0.3366



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.



34.8646, 0.3043, 0.3522



61.3710, 0.3023, 0.3585



35.2412, 0.2951, 0.3348



7.9338, 0.3071, 0.3440



20.5925, 0.2845, 0.5442



0.4414, 0.2638, 0.4698

Inverse Universe

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



29.7920, 0.3222, 0.3069



50.3249, 0.3249, 0.3013



29.4282, 0.3337, 0.3233



7.1602, 0.3188, 0.3144



6.8751, 0.4303, 0.2144



0.1528, 0.3822, 0.1879

Previews

White Background



This preview shows how the Yxy color 34.8631, 0.3043, 0.3522 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 34.8631, 0.3043, 0.3522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

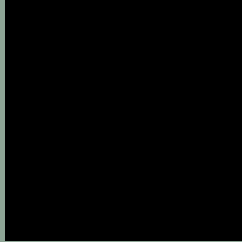
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

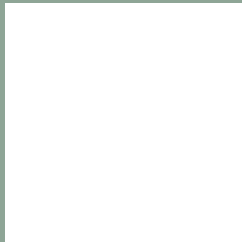
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.8631, 0.3043, 0.3522

Background



This preview shows how black text looks on a background with the Yxy color 34.8631, 0.3043, 0.3522.



This preview shows how white text looks on a background with the Yxy color 34.8631, 0.3043, 0.3522.

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

34.8631, 0.3043, 0.3522

Protanopia

34.9022, 0.3296, 0.3467

Deuteranopia

34.7253, 0.3379, 0.3319



Tritanopia

34.6567, 0.2880, 0.3096

Trichromacy



Original Color

34.8631, 0.3043, 0.3522

Protanomaly

34.7960, 0.3205, 0.3485

Deuteranomaly

34.5806, 0.3250, 0.3393

Tritanomaly

34.5770, 0.2945, 0.3244

Monochromacy



Original Color

34.8631, 0.3043, 0.3522

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.7087, 0.3095, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8631, 0.3043, 0.3522 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, 165, 150)` looks like.

```
.text, #text, p{  
    color:rgb(142, 165, 150)  
}
```

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, 165, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 165, 150) }
```

Border

The CSS property to change the border of an element to Yxy 34.8631, 0.3043, 0.3522 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, 165, 150) }
```

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

```
.border{ border-color:rgb(142, 165, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 165, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 165, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 165, 150);  
box-shadow:4px 4px 4px 4px rgb(142, 165,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8631, 0.3043, 0.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 165, 150) }
```

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

```
.background{ background-color: rgb(142,  
165, 150) }
```

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