

Converting Colors

$Yxy(34.3764, 0.3003, 0.3408)$

Have a look what the booklet for
Yxy(34.3764, 0.3003, 0.3408)
contains.

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Color

Yxy(34.4006, 0.3010, 0.3413)

Conversions

Conversions Part 1

Format	Color
Hex	8FA39B
RGB	143, 163, 155
RGB Percent	56%, 64%, 61%
CMY	0.4393, 0.3607, 0.3921
CMYK	0.12, 0.00, 0.05, 0.36
HSL	156°, 10%, 60%
HSV	156°, 12%, 64%
XYZ	30.3386, 34.4006, 36.0536
YIQ	156.1080, -9.3520, -6.7280

Conversions

Conversions Part 2

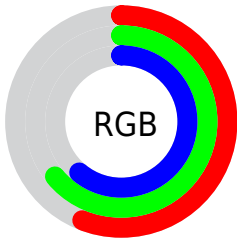
Format	Color
RYB	143, 156, 163
Decimal	9413531
CIELab	65.28, -8.63, 1.77
CIELCh	65, 8.813, 168.402
Yxy	34.4006, 0.3010, 0.3413
Android (android.graphics.Color)	4287603611 (0xFF8FA39B)
YUV	156.1080, -0.5462, -11.4957
Hunter-Lab	58.6520, -10.3092, 4.6106

Details

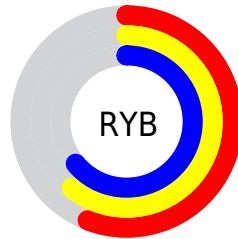
The Yxy color **34.4006, 0.3010, 0.3413** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.6595, 0.3261, 0.3170**, and the grayscale version is **33.3012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.6166, 0.3037, 0.3394**, and **14.6955, 0.2977, 0.3445** is the 20% darker color. If you saturate the color by 10%, you get **32.8387, 0.2919, 0.3525**, and if you desaturate by 10%, it is **36.1886, 0.3105, 0.3312**.

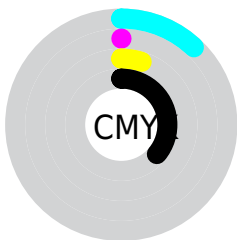
Distribution



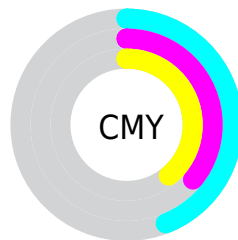
- Red (56%)
- Green (64%)
- Blue (61%)



- Red (56%)
- Yellow (61%)
- Blue (64%)



- Cyan (12%)
- Magenta (0%)
- Yellow (5%)
- Black (36%)



- Cyan (44%)
- Magenta (36%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.4006, 0.3010, 0.3413 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 34.4006, 0.3010, 0.3413 by changing the saturation by 10% instead.

■ 34.4006, 0.3010,
0.3413

■ 34.4006, 0.3010,
0.3413

■ 321.9146, 0.3072,
0.3348

■ 23.2015, 0.2993,
0.3431

■ 66.5562, 0.3033,
0.3388

■ 14.7424, 0.2971,
0.3454

■ 88.2814, 0.3042,
0.3380

■ 8.6388, 0.2941,
0.3487

■ 114.2842, 0.3049,
0.3372

■ 4.5063, 0.2895,
0.3536

■ 144.9489, 0.3055,
0.3366

■ 1.9606, 0.2819,
0.3618

■ 180.6599, 0.3060,
0.3360

■ 0.5845, 0.2391,
0.4054

■ 221.8016, 0.3064,

■ 0.0000, 0.0000,

0.3356

0.0000

268.7584, 0.3068,
0.3352

■ 34.4006, 0.3010,
0.3413

■ 34.4006, 0.3010,
0.3413

■ 32.8387, 0.2919,
0.3525

■ 36.1886, 0.3105,
0.3312

■ 31.4892, 0.2833,
0.3648

■ 38.2071, 0.3202,
0.3221

■ 30.3438, 0.2757,
0.3781

■ 40.4657, 0.3298,
0.3140

■ 29.3916, 0.2693,
0.3922

■ 42.9723, 0.3393,
0.3069

■ 28.6210, 0.2644,
0.4070

■ 45.7344, 0.3485,
0.3006

■ 28.0188, 0.2613,
0.4223

■ 48.7590, 0.3574,
0.2952

■ 27.5701, 0.2601,
0.4376

■ 51.6555, 0.3641,
0.2901

■ 27.2574, 0.2608,
0.4528

■ 51.9678, 0.3581,
0.2836

■ 27.0773, 0.2623,
0.4643

■ 52.2931, 0.3521,
0.2772

Harmonies

Analogous

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



34.4006, 0.3144, 0.3502



34.4006, 0.3010, 0.3413



34.4006, 0.2909, 0.3291

Triad

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



34.4006, 0.3010, 0.3413



34.4006, 0.2977, 0.3059



34.4006, 0.3396, 0.3400

Complementary

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



34.4006, 0.3010, 0.3413



29.6595, 0.3261, 0.3170

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.



34.4006, 0.3350, 0.3284



34.4006, 0.3010, 0.3413



34.4006, 0.3106, 0.3090

Square

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



34.4006, 0.3010, 0.3413



34.4006, 0.2890, 0.3088



34.4006, 0.3243, 0.3171



34.4006, 0.3368, 0.3491

Rectangle

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



34.4006, 0.3010, 0.3413



34.4006, 0.2873, 0.3208



34.4006, 0.3243, 0.3171



34.4006, 0.3389, 0.3363

Sweetspot

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



34.4020, 0.3010, 0.3413



64.2018, 0.3088, 0.3329



34.7585, 0.3189, 0.3597



14.3653, 0.3081, 0.3336



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.



34.4020, 0.3010, 0.3413



60.7257, 0.2982, 0.3445



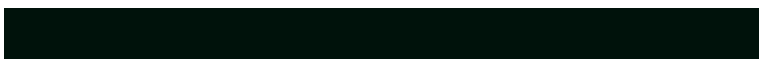
33.9742, 0.2943, 0.3259



7.9631, 0.3038, 0.3381



21.0507, 0.2619, 0.4629



0.4513, 0.2468, 0.4085

Inverse Universe

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



29.6595, 0.3261, 0.3170



50.3801, 0.3299, 0.3140



30.0150, 0.3340, 0.3321



7.1307, 0.3225, 0.3201



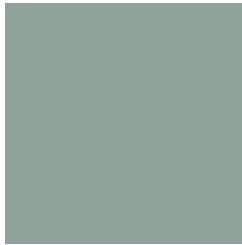
6.3578, 0.5334, 0.2712



0.1428, 0.4424, 0.2211

Previews

White Background



This preview shows how the Yxy color 34.4006, 0.3010, 0.3413 looks on a white background.

Color Contrast Check

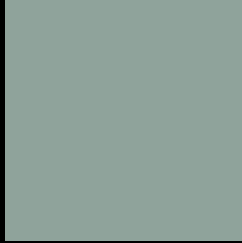
Large Text (above 18pt) WCAG AA × Fail

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 34.4006, 0.3010, 0.3413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

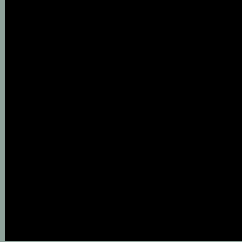
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

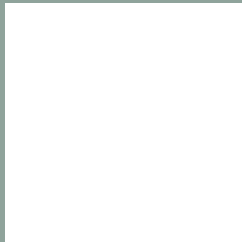
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.4006, 0.3010, 0.3413

Background



This preview shows how black text looks on a background with the Yxy color 34.4006, 0.3010, 0.3413.



This preview shows how white text looks on a background with the Yxy color 34.4006, 0.3010, 0.3413.

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

34.4006, 0.3010, 0.3413

Protanopia

34.4021, 0.3221, 0.3379

Deuteranopia

34.2155, 0.3301, 0.3234



Tritanopia

34.2697, 0.2888, 0.3096

Trichromacy



Original Color

34.4006, 0.3010, 0.3413

Protanomaly

34.4101, 0.3141, 0.3395

Deuteranomaly

34.3008, 0.3195, 0.3305

Tritanomaly

34.2627, 0.2936, 0.3214

Monochromacy



Original Color

34.4006, 0.3010, 0.3413

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.7759, 0.3077, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4006, 0.3010, 0.3413 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(143, 163, 155)` looks like.

```
.text, #text, p{  
    color:rgb(143, 163, 155)  
}
```

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(143, 163, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 163, 155) }
```

Border

The CSS property to change the border of an element to Yxy 34.4006, 0.3010, 0.3413 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(143, 163, 155) }
```

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

```
.border{ border-color:rgb(143, 163, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 163, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 163, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 163, 155);  
box-shadow:4px 4px 4px 4px rgb(143, 163,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4006, 0.3010, 0.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 163, 155) }
```

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

```
.background{ background-color: rgb(143,  
163, 155) }
```

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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