

Converting Colors

$Yxy(37.3201, 0.3098, 0.3649)$

Have a look what the booklet for
Yxy(37.3201, 0.3098, 0.3649)
contains.

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Color

Yxy(37.3434, 0.3101, 0.3655)

Conversions

Conversions Part 1

Format	Color
Hex	92AB93
RGB	146, 171, 147
RGB Percent	57%, 67%, 58%
CMY	0.4275, 0.3294, 0.4235
CMYK	0.15, 0.00, 0.14, 0.33
HSL	122°, 13%, 62%
HSV	122°, 15%, 67%
XYZ	31.6831, 37.3434, 33.1442
YIQ	160.7890, -7.1960, -12.7640

Conversions

Conversions Part 2

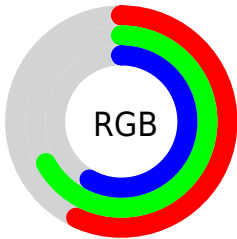
Format	Color
RYB	146, 170, 171
Decimal	9612179
CIELab	67.53, -13.38, 9.49
CIELCh	68, 16.398, 144.658
Yxy	37.3434, 0.3101, 0.3655
Android (android.graphics.Color)	4287802259 (0xFF92AB93)
YUV	160.7890, -6.7980, -12.9700
Hunter-Lab	61.1092, -14.3948, 10.6190

Details

The Yxy color **37.3434, 0.3101, 0.3655** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.1171, 0.3153, 0.2950**, and the grayscale version is **35.5728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.8891, 0.3107, 0.3578**, and **16.4711, 0.3091, 0.3792** is the 20% darker color. If you saturate the color by 10%, you get **35.4143, 0.3082, 0.3944**, and if you desaturate by 10%, it is **39.5836, 0.3119, 0.3398**.

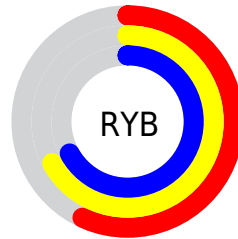
Distribution



Red (57%)

Green (67%)

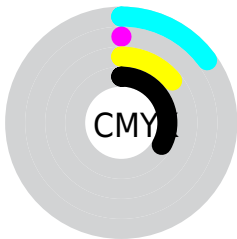
Blue (58%)



Red (57%)

Yellow (67%)

Blue (67%)

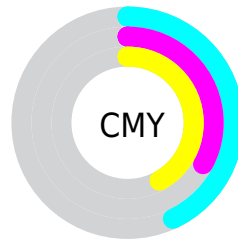


Cyan (15%)

Magenta (0%)

Yellow (14%)

Black (33%)



Cyan (43%)


Magenta (33%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.3434, 0.3101, 0.3655 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 37.3434, 0.3101, 0.3655 by changing the saturation by 10% instead.

 37.3434, 0.3101,
0.3655


 37.3434, 0.3101,
0.3655


334.7949, 0.3117,
0.3462

 25.4735, 0.3096,
0.3707


 71.1006, 0.3107,
0.3582

 16.4302, 0.3089,
0.3777


 93.7567, 0.3110,
0.3555

 9.8291, 0.3079,
0.3874


120.7770, 0.3111,
0.3533

 5.2858, 0.3061,
0.4020

152.5458, 0.3113,
0.3514

 2.4159, 0.3027,
0.4262

189.4477, 0.3114,
0.3498

 0.8340, 0.3017,
0.5398

231.8668, 0.3115,

 0.0000, 0.0000,

0.3484

0.0000

280.1878, 0.3116,
0.3472

■ 37.3434, 0.3101,
0.3655

■ 37.3434, 0.3101,
0.3655

■ 35.4143, 0.3082,
0.3944

■ 39.5836, 0.3119,
0.3398

■ 33.7781, 0.3062,
0.4262

■ 42.1427, 0.3136,
0.3173

■ 32.4218, 0.3042,
0.4599

■ 45.0343, 0.3151,
0.2978

■ 31.3298, 0.3024,
0.4942

■ 48.2697, 0.3165,
0.2809

■ 30.4849, 0.3009,
0.5269

■ 51.8597, 0.3177,
0.2665

■ 29.8677, 0.2999,
0.5556

■ 55.8145, 0.3188,
0.2541

■ 29.4561, 0.2994,
0.5779

■ 57.6075, 0.3166,
0.2469

■ 29.2235, 0.2994,
0.5923

■ 29.1427, 0.2992,
0.5972

Harmonies

Analogous

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



37.3434, 0.3346, 0.3729



37.3434, 0.3101, 0.3655



37.3434, 0.2870, 0.3470

Triad

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



37.3434, 0.3101, 0.3655



37.3434, 0.2727, 0.2906



37.3434, 0.3561, 0.3317

Complementary

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



37.3434, 0.3101, 0.3655



32.1171, 0.3153, 0.2950

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.



37.3434, 0.3383, 0.3116



37.3434, 0.3101, 0.3655



37.3434, 0.2899, 0.2883

Square

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



37.3434, 0.3101, 0.3655



37.3434, 0.2660, 0.3032



37.3434, 0.3138, 0.2960



37.3434, 0.3618, 0.3521

Rectangle

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



37.3434, 0.3101, 0.3655



37.3434, 0.2753, 0.3316



37.3434, 0.3138, 0.2960



37.3434, 0.3513, 0.3248

Sweetspot

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



37.3450, 0.3101, 0.3655



71.1266, 0.3120, 0.3385



39.7679, 0.3334, 0.3646



15.7907, 0.3119, 0.3402



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



37.3450, 0.3101, 0.3655



65.5389, 0.3094, 0.3758



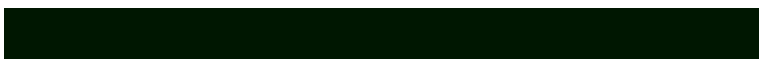
37.7530, 0.3001, 0.3464



8.9444, 0.3111, 0.3514



21.9699, 0.2991, 0.5967



0.6128, 0.2952, 0.5826

Inverse Universe

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



32.1171, 0.3153, 0.2950



54.1076, 0.3161, 0.2863



31.6722, 0.3274, 0.3122



8.1424, 0.3144, 0.3075



8.5517, 0.3311, 0.1598



0.2396, 0.3278, 0.1579

Previews

White Background



This preview shows how the Yxy color 37.3434, 0.3101, 0.3655 looks on a white background.

Color Contrast Check

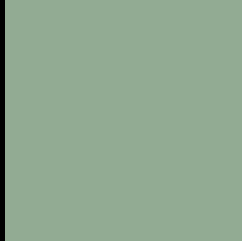
Large Text (above 18pt) WCAG AA × Fail

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 37.3434, 0.3101, 0.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

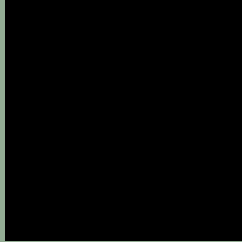
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3434, 0.3101, 0.3655

Background



This preview shows how black text looks on a background with the Yxy color 37.3434, 0.3101, 0.3655.



This preview shows how white text looks on a background with the Yxy color 37.3434, 0.3101, 0.3655.

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

37.3434, 0.3101, 0.3655

Protanopia

37.3047, 0.3393, 0.3591

Deuteranopia

36.9700, 0.3472, 0.3401



Tritanopia

37.1470, 0.2879, 0.3088

Trichromacy



Original Color

37.3434, 0.3101, 0.3655

Protanomaly

37.4376, 0.3290, 0.3627

Deuteranomaly

37.0222, 0.3330, 0.3491

Tritanomaly

37.2220, 0.2957, 0.3290

Monochromacy



Original Color

37.3434, 0.3101, 0.3655

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.3785, 0.3121, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3434, 0.3101, 0.3655 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(146, 171, 147)` looks like.

```
.text, #text, p{  
    color:rgb(146, 171, 147)  
}
```

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(146, 171, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 171, 147) }
```

Border

The CSS property to change the border of an element to Yxy 37.3434, 0.3101, 0.3655 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(146, 171, 147) }
```

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

```
.border{ border-color:rgb(146, 171, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 171, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 171, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 171, 147);  
box-shadow:4px 4px 4px 4px rgb(146, 171,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3434, 0.3101, 0.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 171, 147) }
```

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

```
.background{ background-color: rgb(146,  
171, 147) }
```

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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