

Converting Colors

Yxy(36.9303, 0.3154, 0.3449)

Have a look what the booklet for
Yxy(36.9303, 0.3154, 0.3449)
contains.

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Color

Yxy(37.0099, 0.3157, 0.3451)

Conversions

Conversions Part 1

Format	Color
Hex	9FA69B
RGB	159, 166, 155
RGB Percent	62%, 65%, 61%
CMY	0.3763, 0.3490, 0.3921
CMYK	0.04, 0.00, 0.07, 0.35
HSL	98°, 6%, 63%
HSV	98°, 7%, 65%
XYZ	33.8569, 37.0099, 36.3772
YIQ	162.6530, -0.6410, -4.9050

Conversions

Conversions Part 2

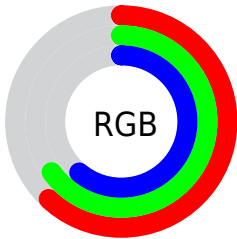
Format	Color
RYB	155, 166, 162
Decimal	10462875
CIELab	67.28, -4.55, 4.82
CIELCh	67, 6.624, 133.354
Yxy	37.0099, 0.3157, 0.3451
Android (android.graphics.Color)	4288652955 (0xFF9FA69B)
YUV	162.6530, -3.7729, -3.2037
Hunter-Lab	60.8358, -7.1220, 7.1322

Details

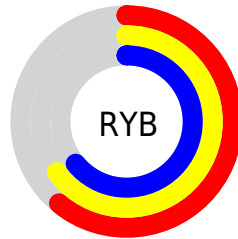
The Yxy color **37.0099, 0.3157, 0.3451** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.8806, 0.3095, 0.3130**, and the grayscale version is **36.4757, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6125, 0.3157, 0.3424**, and **16.2222, 0.3170, 0.3498** is the 20% darker color. If you saturate the color by 10%, you get **35.4607, 0.3201, 0.3715**, and if you desaturate by 10%, it is **38.7306, 0.3112, 0.3212**.

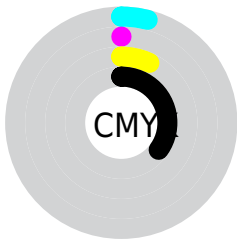
Distribution



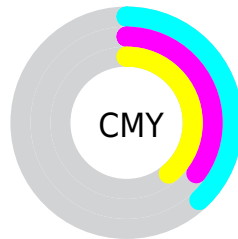
- Red (62%)
- Green (65%)
- Blue (61%)



- Red (61%)
- Yellow (65%)
- Blue (64%)



- Cyan (4%)
- Magenta (0%)
- Yellow (7%)
- Black (35%)





- Cyan (38%)
- Magenta (35%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.0099, 0.3157, 0.3451 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 37.0099, 0.3157, 0.3451 by changing the saturation by 10% instead.


 37.0099, 0.3157,
0.3451


 37.0099, 0.3157,
0.3451


333.3534, 0.3142,
0.3367

 25.2152, 0.3161,
0.3473


 70.5880, 0.3151,
0.3419

 16.2374, 0.3166,
0.3503


 93.1402, 0.3149,
0.3408

 9.6923, 0.3172,
0.3544


120.0469, 0.3148,
0.3398

 5.1954, 0.3182,
0.3605

151.6927, 0.3146,
0.3390

 2.3624, 0.3196,
0.3704

188.4618, 0.3145,
0.3383

 0.8064, 0.3272,
0.4026

230.7387, 0.3144,

 0.0000, 0.0000,

0.3377

0.0000

278.9077, 0.3143,
0.3371

■ 37.0099, 0.3157,
0.3451

■ 37.0099, 0.3157,
0.3451

■ 35.4607, 0.3201,
0.3715

■ 38.7306, 0.3112,
0.3212

■ 34.0728, 0.3243,
0.4001

■ 40.6231, 0.3067,
0.2997

■ 32.8421, 0.3279,
0.4304

■ 42.6939, 0.3024,
0.2806

■ 31.7626, 0.3306,
0.4616

■ 44.9477, 0.2983,
0.2636

■ 30.8278, 0.3322,
0.4923

■ 47.3891, 0.2944,
0.2486

■ 30.0308, 0.3322,
0.5211

■ 50.0222, 0.2908,
0.2354

■ 29.3638, 0.3306,
0.5460

■ 51.7627, 0.2989,
0.2373

■ 28.8183, 0.3273,
0.5657

■ 53.5839, 0.3073,
0.2396

■ 28.3830, 0.3225,
0.5793

■ 55.5125, 0.3158,
0.2419

Harmonies

Analogous

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



37.0099, 0.3250, 0.3464



37.0099, 0.3157, 0.3451



37.0099, 0.3057, 0.3393

Triad

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



37.0099, 0.3157, 0.3451



37.0099, 0.2946, 0.3149



37.0099, 0.3280, 0.3271

Complementary

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



37.0099, 0.3157, 0.3451



33.8806, 0.3095, 0.3130

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.



37.0099, 0.3196, 0.3190



37.0099, 0.3157, 0.3451



37.0099, 0.3004, 0.3120

Square

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



37.0099, 0.3157, 0.3451



37.0099, 0.2936, 0.3217



37.0099, 0.3095, 0.3136



37.0099, 0.3322, 0.3358

Rectangle

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



37.0099, 0.3157, 0.3451



37.0099, 0.3000, 0.3337



37.0099, 0.3095, 0.3136



37.0099, 0.3255, 0.3243

Sweetspot

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



37.0115, 0.3157, 0.3451



68.5678, 0.3136, 0.3338



36.3030, 0.3228, 0.3391



15.3521, 0.3136, 0.3336



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



37.0115, 0.3157, 0.3451



66.7266, 0.3164, 0.3490



36.6568, 0.3107, 0.3431



8.5364, 0.3169, 0.3520



21.9365, 0.3216, 0.5829



0.5627, 0.3495, 0.5607

Inverse Universe

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



33.8806, 0.3095, 0.3130



59.7934, 0.3088, 0.3092



34.2546, 0.3148, 0.3153



7.5273, 0.3082, 0.3063



4.5021, 0.2322, 0.1053



0.1370, 0.2625, 0.1220

Previews

White Background



This preview shows how the Yxy color 37.0099, 0.3157, 0.3451 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 37.0099, 0.3157, 0.3451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

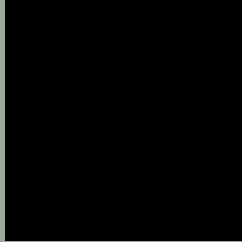
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

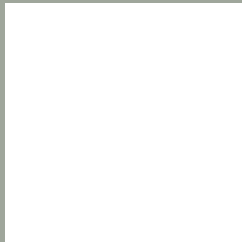
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.0099, 0.3157, 0.3451

Background



This preview shows how black text looks on a background with the Yxy color 37.0099, 0.3157, 0.3451.



This preview shows how white text looks on a background with the Yxy color 37.0099, 0.3157, 0.3451.

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

37.0099, 0.3157, 0.3451

Protanopia

36.9293, 0.3274, 0.3434

Deuteranopia

36.8331, 0.3374, 0.3305



Tritanopia

37.0104, 0.3007, 0.3106

Trichromacy



Original Color

37.0099, 0.3157, 0.3451

Protanomaly

36.8833, 0.3225, 0.3435

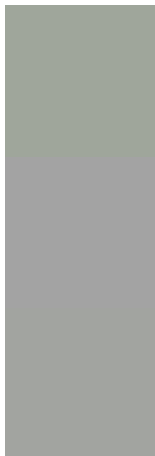
Deuteranomaly

36.8887, 0.3298, 0.3361

Tritanomaly

36.9551, 0.3065, 0.3232

Monochromacy



Original Color

37.0099, 0.3157, 0.3451

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.7704, 0.3143, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0099, 0.3157, 0.3451 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(159, 166, 155)` looks like.

```
.text, #text, p{  
    color:rgb(159, 166, 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(159, 166, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 166, 155) }
```

Border

The CSS property to change the border of an element to Yxy 37.0099, 0.3157, 0.3451 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(159, 166, 155) }
```

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

```
.border{ border-color:rgb(159, 166, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 166, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 166, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 166, 155);  
box-shadow:4px 4px 4px 4px rgb(159, 166,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0099, 0.3157, 0.3451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 166, 155) }
```

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

```
.background{ background-color: rgb(159,  
166, 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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