

Converting Colors

$Yxy(36.8007, 0.3067, 0.3335)$

Have a look what the booklet for
Yxy(36.8007, 0.3067, 0.3335)
contains.

Yxy(36.9490, 0.3069, 0.3348)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(36.9490, 0.3069, 0.3348)

Conversions

Conversions Part 1

Format	Color
Hex	9CA6A2
RGB	156, 166, 162
RGB Percent	61%, 65%, 64%
CMY	0.3882, 0.3490, 0.3646
CMYK	0.06, 0.00, 0.02, 0.35
HSL	156°, 5%, 63%
HSV	156°, 6%, 65%
XYZ	33.8699, 36.9490, 39.5425
YIQ	162.5540, -4.6760, -3.3640

Conversions

Conversions Part 2

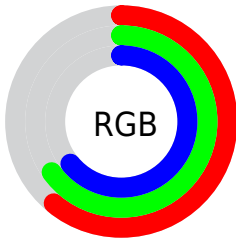
Format	Color
RYB	156, 162, 166
Decimal	10266274
CIELab	67.24, -4.30, 0.82
CIELCh	67, 4.383, 169.169
Yxy	36.9490, 0.3069, 0.3348
Android (android.graphics.Color)	4288456354 (0xFF9CA6A2)
YUV	162.5540, -0.2731, -5.7479
Hunter-Lab	60.7857, -6.9144, 3.9805

Details

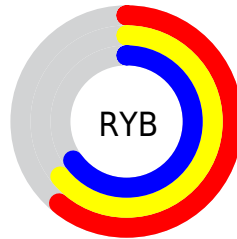
The Yxy color **36.9490, 0.3069, 0.3348** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.4210, 0.3189, 0.3233**, and the grayscale version is **36.4092, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.4243, 0.3076, 0.3335**, and **16.1637, 0.3059, 0.3373** is the 20% darker color. If you saturate the color by 10%, you get **35.1777, 0.2975, 0.3453**, and if you desaturate by 10%, it is **38.9621, 0.3166, 0.3254**.

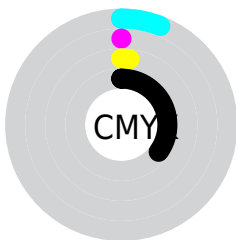
Distribution



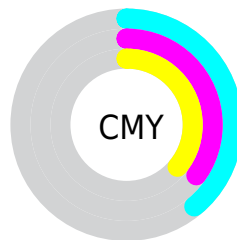
- Red (61%)
- Green (65%)
- Blue (64%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (35%)



- Cyan (39%)
- Magenta (35%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.9490, 0.3069, 0.3348 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 36.9490, 0.3069, 0.3348 by changing the saturation by 10% instead.

■ 36.9490, 0.3069,
0.3348

■ 36.9490, 0.3069,
0.3348

■ 333.0897, 0.3099,
0.3318

■ 25.1680, 0.3061,
0.3356

■ 70.4943, 0.3080,
0.3337

■ 16.2023, 0.3050,
0.3366

■ 93.0275, 0.3084,
0.3333

■ 9.6674, 0.3036,
0.3381

■ 119.9134, 0.3088,
0.3329

■ 5.1790, 0.3015,
0.3402

■ 151.5367, 0.3091,
0.3326

■ 2.3527, 0.2981,
0.3437

■ 188.2815, 0.3093,
0.3324

■ 0.8014, 0.2889,
0.3526

■ 230.5323, 0.3096,

■ 0.0000, 0.0000,

0.3322

0.0000

278.6736, 0.3098,
0.3320

■ 36.9490, 0.3069,
0.3348

■ 36.9490, 0.3069,
0.3348

■ 35.1777, 0.2975,
0.3453

■ 38.9621, 0.3166,
0.3254

■ 33.6342, 0.2885,
0.3569

■ 41.2209, 0.3263,
0.3170

■ 32.3100, 0.2802,
0.3695

■ 43.7356, 0.3359,
0.3096

■ 31.1946, 0.2730,
0.3830

■ 46.5139, 0.3453,
0.3030

■ 30.2763, 0.2671,
0.3974

■ 49.5634, 0.3544,
0.2973

■ 29.5423, 0.2628,
0.4123

■ 52.7774, 0.3626,
0.2922

■ 28.9784, 0.2604,
0.4275

■ 53.0956, 0.3565,
0.2856

■ 28.5680, 0.2599,
0.4428

■ 53.4272, 0.3506,
0.2791

■ 28.2889, 0.2613,
0.4577

■ 53.7725, 0.3447,
0.2727

Harmonies

Analogous

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



36.9490, 0.3134, 0.3391



36.9490, 0.3069, 0.3348



36.9490, 0.3020, 0.3290

Triad

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



36.9490, 0.3069, 0.3348



36.9490, 0.3056, 0.3177



36.9490, 0.3257, 0.3346

Complementary

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



36.9490, 0.3069, 0.3348



34.4210, 0.3189, 0.3233

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.



36.9490, 0.3236, 0.3289



36.9490, 0.3069, 0.3348



36.9490, 0.3119, 0.3192

Square

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



36.9490, 0.3069, 0.3348



36.9490, 0.3012, 0.3191



36.9490, 0.3185, 0.3233



36.9490, 0.3243, 0.3389

Rectangle

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



36.9490, 0.3069, 0.3348



36.9490, 0.3002, 0.3250



36.9490, 0.3185, 0.3233



36.9490, 0.3254, 0.3328

Sweetspot

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



36.9506, 0.3069, 0.3348



68.4635, 0.3107, 0.3309



37.1469, 0.3158, 0.3436



15.3301, 0.3109, 0.3308



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.



36.9506, 0.3069, 0.3348



66.6840, 0.3058, 0.3359



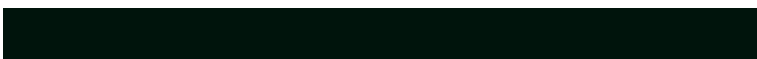
36.7319, 0.3036, 0.3275



8.5604, 0.3055, 0.3362



21.8726, 0.2617, 0.4623



0.5418, 0.2480, 0.4129

Inverse Universe

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



34.4210, 0.3189, 0.3233



61.2910, 0.3201, 0.3222



34.6213, 0.3225, 0.3305



7.8387, 0.3205, 0.3219



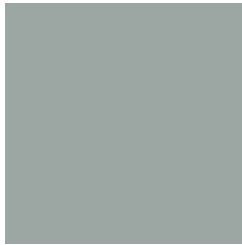
6.5996, 0.5347, 0.2719



0.1707, 0.4492, 0.2248

Previews

White Background



This preview shows how the Yxy color 36.9490, 0.3069, 0.3348 looks on a white background.

Color Contrast Check

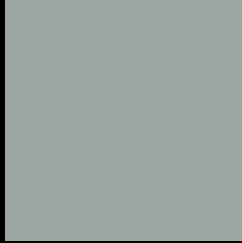
Large Text (above 18pt) WCAG AA × Fail

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 36.9490, 0.3069, 0.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

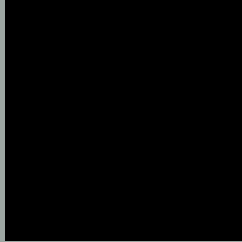
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

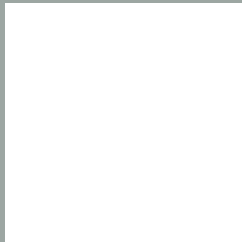
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.9490, 0.3069, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 36.9490, 0.3069, 0.3348.



This preview shows how white text looks on a background with the Yxy color 36.9490, 0.3069, 0.3348.

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

36.9490, 0.3069, 0.3348

Protanopia

36.9479, 0.3192, 0.3333

Deuteranopia

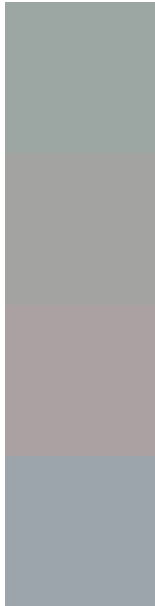
36.7178, 0.3278, 0.3208



Tritanopia

36.9943, 0.2963, 0.3104

Trichromacy



Original Color

36.9490, 0.3069, 0.3348

Protanomaly

36.9107, 0.3144, 0.3333

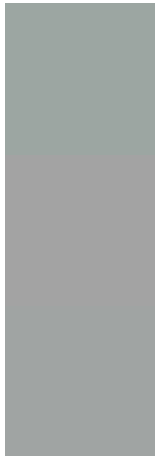
Deuteranomaly

36.7920, 0.3205, 0.3262

Tritanomaly

37.0569, 0.2995, 0.3189

Monochromacy



Original Color

36.9490, 0.3069, 0.3348

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.6688, 0.3098, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9490, 0.3069, 0.3348 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(156, 166, 162)` looks like.

```
.text, #text, p{  
    color:rgb(156, 166, 162)  
}
```

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(156, 166, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 166, 162) }
```

Border

The CSS property to change the border of an element to Yxy 36.9490, 0.3069, 0.3348 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(156, 166, 162) }
```

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

```
.border{ border-color:rgb(156, 166, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 166, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 166, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 166, 162);  
box-shadow:4px 4px 4px 4px rgb(156, 166,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9490, 0.3069, 0.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 166, 162) }
```

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

```
.background{ background-color: rgb(156,  
166, 162) }
```

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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