

Converting Colors

$Yxy(36.4559, 0.3469, 0.4223)$

Have a look what the booklet for
Yxy(36.4559, 0.3469, 0.4223)
contains.

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Color

Yxy(36.4329, 0.3466, 0.4224)

Conversions

Conversions Part 1

Format	Color
Hex	97AA6D
RGB	151, 170, 109
RGB Percent	59%, 67%, 43%
CMY	0.4079, 0.3333, 0.5725
CMYK	0.11, 0.00, 0.36, 0.33
HSL	79°, 26%, 55%
HSV	79°, 36%, 67%
XYZ	29.8950, 36.4329, 19.9242
YIQ	157.3650, 8.2570, -22.9990

Conversions

Conversions Part 2

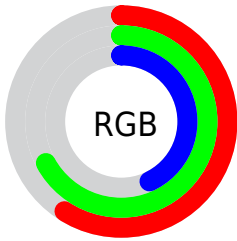
Format	Color
RYB	109, 170, 128
Decimal	9939565
CIELab	66.85, -17.07, 29.30
CIElCh	67, 33.910, 120.233
Yxy	36.4329, 0.3466, 0.4224
Android (android.graphics.Color)	4288129645 (0xFF97AA6D)
YUV	157.3650, -23.8439, -5.5821
Hunter-Lab	60.3597, -17.2218, 22.6806

Details

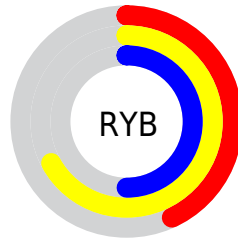
The Yxy color **36.4329, 0.3466, 0.4224** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.4313, 0.2687, 0.2289**, and the grayscale version is **33.9961, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.5454, 0.3411, 0.4034**, and **15.9358, 0.3547, 0.4544** is the 20% darker color. If you saturate the color by 10%, you get **35.6072, 0.3547, 0.4494**, and if you desaturate by 10%, it is **37.3555, 0.3375, 0.3952**.

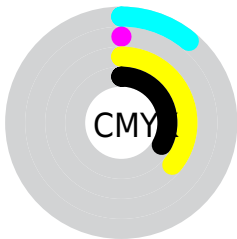
Distribution



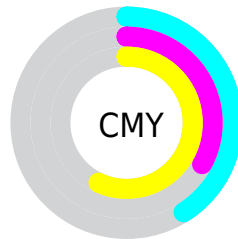
- Red (59%)
- Green (67%)
- Blue (43%)



- Red (43%)
- Yellow (67%)
- Blue (50%)



- Cyan (11%)
- Magenta (0%)
- Yellow (36%)
- Black (33%)



- Cyan (41%)
- Magenta (33%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.4329, 0.3466, 0.4224 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 36.4329, 0.3466, 0.4224 by changing the saturation by 10% instead.


 36.4329, 0.3466,
0.4224


 36.4329, 0.3466,
0.4224


330.8487, 0.3302,
0.3725


 24.7687, 0.3503,
0.4358


 69.6997, 0.3409,
0.4035


 15.9048, 0.3546,
0.4536


 92.0711, 0.3387,
0.3966

 9.4568, 0.3596,
0.4779


 118.7804, 0.3368,
0.3909

 5.0403, 0.3644,
0.5129

 150.2120, 0.3351,
0.3861

 2.2709, 0.3926,
0.6074

186.7502, 0.3337,
0.3819

 0.7583, 0.2861,
0.7139

228.7795, 0.3324,

 0.0000, 0.0000,

0.3784

0.0000

276.6842, 0.3312,
0.3752

■ 36.4329, 0.3466,
0.4224

■ 36.4329, 0.3466,
0.4224

■ 35.6072, 0.3547,
0.4494

■ 37.3555, 0.3375,
0.3952

■ 34.8691, 0.3615,
0.4752

■ 38.3741, 0.3280,
0.3686

■ 34.2154, 0.3663,
0.4985


■ 39.4943, 0.3183,
0.3432

■ 33.6408, 0.3689,
0.5182


■ 40.7195, 0.3088,
0.3194

■ 33.1390, 0.3690,
0.5335

■ 42.0531, 0.2997,
0.2975

 32.7020, 0.3668,
0.5441

 43.4983, 0.2910,
0.2775

 32.5338, 0.3656,
0.5479

 45.0583, 0.2829,
0.2594

 46.7358, 0.2754,
0.2430

 48.0740, 0.2728,
0.2346

Harmonies

Analogous

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



36.4329, 0.3903, 0.4111



36.4329, 0.3466, 0.4224



36.4329, 0.2959, 0.4029

Triad

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



36.4329, 0.3466, 0.4224



36.4329, 0.2203, 0.2679



36.4329, 0.3743, 0.3000

Complementary

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



36.4329, 0.3466, 0.4224



18.4313, 0.2687, 0.2289

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.



36.4329, 0.3235, 0.2684



36.4329, 0.3466, 0.4224



36.4329, 0.2370, 0.2491

Square

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



36.4329, 0.3466, 0.4224



36.4329, 0.2253, 0.3065



36.4329, 0.2734, 0.2501



36.4329, 0.4085, 0.3393

Rectangle

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



36.4329, 0.3466, 0.4224



36.4329, 0.2651, 0.3745



36.4329, 0.2734, 0.2501



36.4329, 0.3584, 0.2883

Sweetspot

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



36.4345, 0.3466, 0.4224



70.5468, 0.3235, 0.3565



24.9083, 0.3867, 0.3572



15.6734, 0.3247, 0.3598



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.



36.4345, 0.3466, 0.4224



64.9004, 0.3531, 0.4438



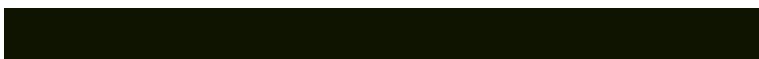
33.9365, 0.3184, 0.4313



8.6547, 0.3216, 0.3516



23.9600, 0.3662, 0.5474



0.6082, 0.3846, 0.5328

Inverse Universe

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



18.4313, 0.2687, 0.2289



27.3926, 0.2564, 0.2040



21.0896, 0.3024, 0.2381



7.4098, 0.3033, 0.3060



2.7187, 0.1732, 0.0728



0.0930, 0.2116, 0.0939

Previews

White Background



This preview shows how the Yxy color 36.4329, 0.3466, 0.4224 looks on a white background.

Color Contrast Check

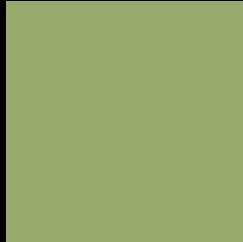
Large Text (above 18pt) WCAG AA × Fail

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 36.4329, 0.3466, 0.4224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

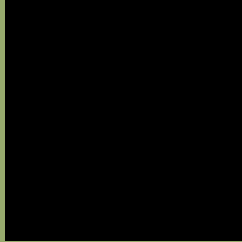
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.4329, 0.3466, 0.4224

Background



This preview shows how black text looks on a background with the Yxy color 36.4329, 0.3466, 0.4224.



This preview shows how white text looks on a background with the Yxy color 36.4329, 0.3466, 0.4224.

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

36.4329, 0.3466, 0.4224

Protanopia

36.1114, 0.3782, 0.4086

Deuteranopia

36.0819, 0.3953, 0.3866



Tritanopia

36.4094, 0.2997, 0.3104

Trichromacy



Original Color

36.4329, 0.3466, 0.4224

Protanomaly

36.1873, 0.3665, 0.4139

Deuteranomaly

35.7543, 0.3768, 0.3985

Tritanomaly

36.3127, 0.3174, 0.3498

Monochromacy



Original Color

36.4329, 0.3466, 0.4224

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.7027, 0.3256, 0.3625

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.4329, 0.3466, 0.4224 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(151, 170, 109)` looks like.

```
.text, #text, p{  
    color:rgb(151, 170, 109)  
}
```

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(151, 170, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 170, 109) }
```

Border

The CSS property to change the border of an element to Yxy 36.4329, 0.3466, 0.4224 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(151, 170, 109) }
```

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

```
.border{ border-color:rgb(151, 170, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 170, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 170, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 170, 109);  
box-shadow:4px 4px 4px 4px rgb(151, 170,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 36.4329, 0.3466, 0.4224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 170, 109) }
```

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

```
.background{ background-color: rgb(151,  
170, 109) }
```

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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