

Converting Colors

$Yxy(36.7253, 0.3477, 0.4272)$

Have a look what the booklet for
Yxy(36.7253, 0.3477, 0.4272)
contains.

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Color

Yxy(36.7667, 0.3479, 0.4267)

Conversions

Conversions Part 1

Format	Color
Hex	97AB6B
RGB	151, 171, 107
RGB Percent	59%, 67%, 42%
CMY	0.4079, 0.3294, 0.5805
CMYK	0.12, 0.00, 0.37, 0.33
HSL	79°, 28%, 55%
HSV	79°, 37%, 67%
XYZ	29.9769, 36.7667, 19.4216
YIQ	157.7240, 8.6240, -24.1440

Conversions

Conversions Part 2

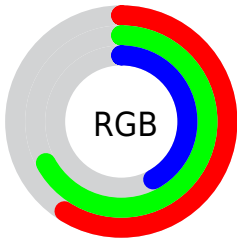
Format	Color
RYB	107, 171, 127
Decimal	9939819
CIELab	67.10, -17.85, 30.70
CIELCh	67, 35.509, 120.181
Yxy	36.7667, 0.3479, 0.4267
Android (android.graphics.Color)	4288129899 (0xFF97AB6B)
YUV	157.7240, -25.0069, -5.8969
Hunter-Lab	60.6356, -17.8657, 23.4542

Details

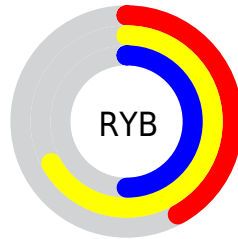
The Yxy color **36.7667, 0.3479, 0.4267** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.9649, 0.2663, 0.2240**, and the grayscale version is **34.1722, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.0177, 0.3422, 0.4068**, and **16.1518, 0.3561, 0.4599** is the 20% darker color. If you saturate the color by 10%, you get **35.9433, 0.3558, 0.4536**, and if you desaturate by 10%, it is **37.6878, 0.3390, 0.3994**.

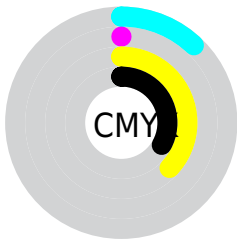
Distribution



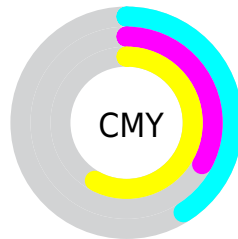
- Red (59%)
- Green (67%)
- Blue (42%)



- Red (42%)
- Yellow (67%)
- Blue (50%)



- Cyan (12%)
- Magenta (0%)
- Yellow (37%)
- Black (33%)




- Cyan (41%)
- Magenta (33%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7667, 0.3479, 0.4267 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 36.7667, 0.3479, 0.4267 by changing the saturation by 10% instead.


 36.7667, 0.3479,
0.4267


 36.7667, 0.3479,
0.4267


332.2994, 0.3310,
0.3745


 25.0269, 0.3516,
0.4407


 70.2138, 0.3421,
0.4070


 16.0971, 0.3560,
0.4591


 92.6899, 0.3398,
0.3998

 9.5929, 0.3608,
0.4843


 119.5136, 0.3378,
0.3938

 5.1299, 0.3652,
0.5203

 151.0693, 0.3361,
0.3888

 2.3237, 0.3889,
0.6111

187.7413, 0.3346,
0.3844

 0.7862, 0.2838,
0.7162

229.9140, 0.3333,

 0.0000, 0.0000,

0.3807

0.0000

277.9719, 0.3321,
0.3774

■ 36.7667, 0.3479,
0.4267

■ 36.7667, 0.3479,
0.4267

■ 35.9433, 0.3558,
0.4536

■ 37.6878, 0.3390,
0.3994

■ 35.2081, 0.3623,
0.4791

■ 38.7058, 0.3295,
0.3726

■ 34.5578, 0.3668,
0.5019


■ 39.8262, 0.3198,
0.3470

■ 33.9869, 0.3690,
0.5210

■ 41.0527, 0.3103,
0.3230

■ 33.4888, 0.3687,
0.5356

■ 42.3888, 0.3011,
0.3008

 33.0537, 0.3662,
0.5457

 43.8377, 0.2924,
0.2805

 32.9481, 0.3655,
0.5480

 45.4025, 0.2842,
0.2621

 47.0863, 0.2765,
0.2454

 48.5066, 0.2732,
0.2358

Harmonies

Analogous

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



36.7667, 0.3935, 0.4144



36.7667, 0.3479, 0.4267



36.7667, 0.2951, 0.4066

Triad

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



36.7667, 0.3479, 0.4267



36.7667, 0.2167, 0.2653



36.7667, 0.3769, 0.2987

Complementary

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



36.7667, 0.3479, 0.4267



17.9649, 0.2663, 0.2240

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.



36.7667, 0.3237, 0.2659



36.7667, 0.3479, 0.4267



36.7667, 0.2339, 0.2459

Square

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



36.7667, 0.3479, 0.4267



36.7667, 0.2218, 0.3053



36.7667, 0.2716, 0.2470



36.7667, 0.4128, 0.3394

Rectangle

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



36.7667, 0.3479, 0.4267



36.7667, 0.2630, 0.3767



36.7667, 0.2716, 0.2470



36.7667, 0.3602, 0.2865

Sweetspot

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



36.7683, 0.3479, 0.4267



70.5438, 0.3235, 0.3565



24.6907, 0.3911, 0.3585



15.6727, 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.



36.7683, 0.3479, 0.4267



64.5974, 0.3546, 0.4493



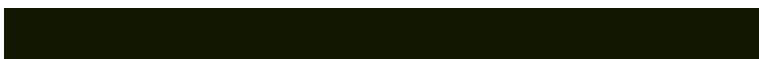
34.1681, 0.3185, 0.4364



9.2027, 0.3216, 0.3517



24.8642, 0.3660, 0.5476



0.7190, 0.3828, 0.5342

Inverse Universe

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



17.9649, 0.2663, 0.2240



25.9844, 0.2532, 0.1975



20.7423, 0.3018, 0.2341



7.8742, 0.3032, 0.3059



2.8219, 0.1732, 0.0728



0.1080, 0.2089, 0.0924

Previews

White Background



This preview shows how the Yxy color 36.7667, 0.3479, 0.4267 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 36.7667, 0.3479, 0.4267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

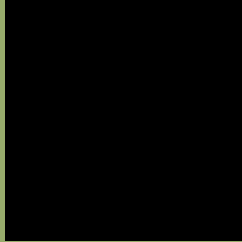
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7667, 0.3479, 0.4267

Background



This preview shows how black text looks on a background with the Yxy color 36.7667, 0.3479, 0.4267.



This preview shows how white text looks on a background with the Yxy color 36.7667, 0.3479, 0.4267.

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

36.7667, 0.3479, 0.4267

Protanopia

36.6588, 0.3815, 0.4119

Deuteranopia

36.5048, 0.3977, 0.3902



Tritanopia

36.8026, 0.2989, 0.3105

Trichromacy



Original Color

36.7667, 0.3479, 0.4267

Protanomaly

36.6172, 0.3688, 0.4176

Deuteranomaly

36.1776, 0.3791, 0.4023

Tritanomaly

36.6749, 0.3173, 0.3512

Monochromacy



Original Color

36.7667, 0.3479, 0.4267

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

35.0270, 0.3263, 0.3655

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7667, 0.3479, 0.4267 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, 171, 107)` looks like.

```
.text, #text, p{  
    color:rgb(151, 171, 107)  
}
```

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, 171, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 171, 107) }
```

Border

The CSS property to change the border of an element to Yxy 36.7667, 0.3479, 0.4267 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, 171, 107) }
```

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

```
.border{ border-color:rgb(151, 171, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 171, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 171, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 171, 107);  
box-shadow:4px 4px 4px 4px rgb(151, 171,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7667, 0.3479, 0.4267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 171, 107) }
```

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

```
.background{ background-color: rgb(151,  
171, 107) }
```

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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