

Converting Colors

Yxy(37.6668, 0.3457, 0.4018)

Have a look what the booklet for
Yxy(37.6668, 0.3457, 0.4018)
contains.

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Color

Yxy(37.6035, 0.3454, 0.4019)

Conversions

Conversions Part 1

Format	Color
Hex	A0AA79
RGB	160, 170, 121
RGB Percent	63%, 67%, 47%
CMY	0.3727, 0.3333, 0.5255
CMYK	0.06, 0.00, 0.29, 0.33
HSL	72°, 22%, 57%
HSV	72°, 29%, 67%
XYZ	32.3171, 37.6035, 23.6437
YIQ	161.4240, 9.7690, -17.3590

Conversions

Conversions Part 2

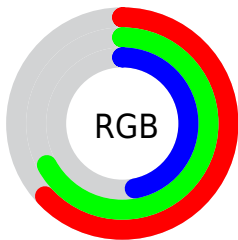
Format	Color
RYB	121, 170, 131
Decimal	10529401
CIELab	67.73, -11.91, 24.15
CIELCh	68, 26.924, 116.261
Yxy	37.6035, 0.3454, 0.4019
Android (android.graphics.Color)	4288719481 (0xFFA0AA79)
YUV	161.4240, -19.9290, -1.2488
Hunter-Lab	61.3217, -13.2418, 20.0648

Details

The Yxy color **37.6035, 0.3454, 0.4019** is a light color, and the websafe version is hex **999966**. A complement of this color would be **21.4075, 0.2735, 0.2495**, and the grayscale version is **35.9375, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.3535, 0.3393, 0.3868**, and **16.6129, 0.3542, 0.4254** is the 20% darker color. If you saturate the color by 10%, you get **36.8698, 0.3561, 0.4280**, and if you desaturate by 10%, it is **38.4241, 0.3341, 0.3758**.

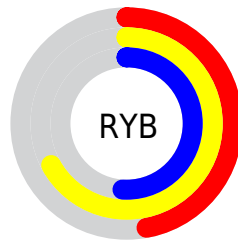
Distribution



Red (63%)

Green (67%)

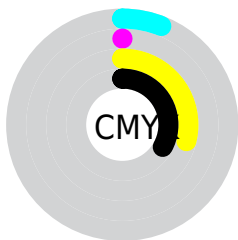
Blue (47%)



Red (47%)

Yellow (67%)

Blue (51%)

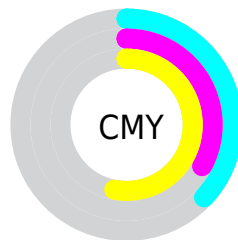


Cyan (6%)

Magenta (0%)

Yellow (29%)

Black (33%)



Cyan (37%)


Magenta (33%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.6035, 0.3454, 0.4019 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 37.6035, 0.3454, 0.4019 by changing the saturation by 10% instead.


 37.6035, 0.3454,
0.4019


 37.6035, 0.3454,
0.4019


335.9160, 0.3292,
0.3634

 25.6751, 0.3493,
0.4122


 71.5000, 0.3396,
0.3874

 16.5807, 0.3542,
0.4257


 94.2369, 0.3374,
0.3821

 9.9360, 0.3603,
0.4442


 121.3454, 0.3355,
0.3777

 5.3566, 0.3680,
0.4710

153.2099, 0.3339,
0.3740

 2.4580, 0.3834,
0.5214

190.2148, 0.3324,
0.3707

 0.8555, 0.3791,
0.6209

232.7446, 0.3312,

 0.0000, 0.0000,

0.3680

0.0000

281.1835, 0.3301,
0.3655

■ 37.6035, 0.3454,
0.4019

■ 37.6035, 0.3454,
0.4019

■ 36.8698, 0.3561,
0.4280

■ 38.4241, 0.3341,
0.3758

■ 36.2141, 0.3658,
0.4532

■ 39.3304, 0.3227,
0.3504

■ 35.6337, 0.3739,
0.4764

■ 40.3273, 0.3114,
0.3263

■ 35.1240, 0.3800,
0.4966

■ 41.4181, 0.3006,
0.3037

■ 34.6795, 0.3837,
0.5129

■ 42.6059, 0.2903,
0.2828

■ 34.2941, 0.3848,
0.5248

■ 43.8935, 0.2807,
0.2637

■ 33.9559, 0.3838,
0.5327

■ 45.2838, 0.2718,
0.2464

■ 33.9175, 0.3837,
0.5335

■ 46.6491, 0.2649,
0.2326

■ 47.0970, 0.2674,
0.2332

Harmonies

Analogous

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



37.6035, 0.3780, 0.3919



37.6035, 0.3454, 0.4019



37.6035, 0.3053, 0.3893

Triad

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



37.6035, 0.3454, 0.4019



37.6035, 0.2381, 0.2845



37.6035, 0.3564, 0.3023

Complementary

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



37.6035, 0.3454, 0.4019



21.4075, 0.2735, 0.2495

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.



37.6035, 0.3161, 0.2776



37.6035, 0.3454, 0.4019



37.6035, 0.2495, 0.2664

Square

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



37.6035, 0.3454, 0.4019



37.6035, 0.2449, 0.3171



37.6035, 0.2772, 0.2646



37.6035, 0.3854, 0.3339

Rectangle

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



37.6035, 0.3454, 0.4019



37.6035, 0.2800, 0.3692



37.6035, 0.2772, 0.2646



37.6035, 0.3436, 0.2930

Sweetspot

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



37.6052, 0.3454, 0.4019



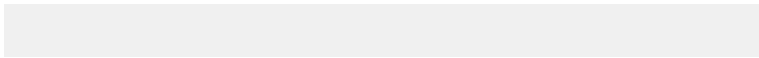
71.2892, 0.3230, 0.3512



26.1081, 0.3706, 0.3441



15.8436, 0.3247, 0.3548



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.



37.6052, 0.3454, 0.4019



67.2932, 0.3528, 0.4197



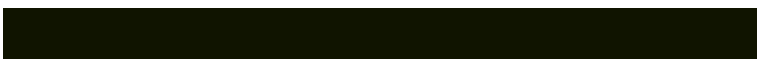
35.3452, 0.3221, 0.4076



8.6950, 0.3232, 0.3515



24.9692, 0.3841, 0.5332



0.6266, 0.3965, 0.5234

Inverse Universe

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



21.4075, 0.2735, 0.2495



32.7609, 0.2621, 0.2278



23.5771, 0.2995, 0.2552



7.3719, 0.3017, 0.3059



2.4161, 0.1615, 0.0663



0.0789, 0.1923, 0.0833

Previews

White Background



This preview shows how the Yxy color 37.6035, 0.3454, 0.4019 looks on a white background.

Color Contrast Check

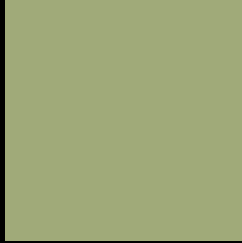
Large Text (above 18pt) WCAG AA × Fail

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 37.6035, 0.3454, 0.4019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

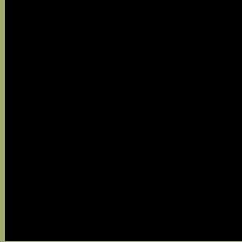
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.6035, 0.3454, 0.4019

Background



This preview shows how black text looks on a background with the Yxy color 37.6035, 0.3454, 0.4019.



This preview shows how white text looks on a background with the Yxy color 37.6035, 0.3454, 0.4019.

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

37.6035, 0.3454, 0.4019

Protanopia

37.5893, 0.3661, 0.3941

Deuteranopia

37.3783, 0.3820, 0.3747



Tritanopia

37.5445, 0.3052, 0.3108

Trichromacy



Original Color

37.6035, 0.3454, 0.4019

Protanomaly

37.6514, 0.3583, 0.3968

Deuteranomaly

37.2158, 0.3688, 0.3835

Tritanomaly

37.5652, 0.3195, 0.3435

Monochromacy



Original Color

37.6035, 0.3454, 0.4019

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.2033, 0.3258, 0.3556

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.6035, 0.3454, 0.4019 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(160, 170, 121)` looks like.

```
.text, #text, p{  
    color:rgb(160, 170, 121)  
}
```

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(160, 170, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 170, 121) }
```

Border

The CSS property to change the border of an element to Yxy 37.6035, 0.3454, 0.4019 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(160, 170, 121) }
```

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

```
.border{ border-color:rgb(160, 170, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 170, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 170, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 170, 121);  
box-shadow:4px 4px 4px 4px rgb(160, 170,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 37.6035, 0.3454, 0.4019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 170, 121) }
```

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

```
.background{ background-color: rgb(160,  
170, 121) }
```

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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