

Converting Colors

$Yxy(40.2048, 0.3322, 0.3661)$

Have a look what the booklet for
Yxy(40.2048, 0.3322, 0.3661)
contains.

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Color

Yxy(40.0154, 0.3321, 0.3660)

Conversions

Conversions Part 1

Format	Color
Hex	A9AC92
RGB	169, 172, 146
RGB Percent	66%, 67%, 57%
CMY	0.3371, 0.3255, 0.4274
CMYK	0.02, 0.00, 0.15, 0.33
HSL	67°, 14%, 62%
HSV	67°, 15%, 67%
XYZ	36.3091, 40.0154, 33.0072
YIQ	168.1390, 6.5580, -8.7220

Conversions

Conversions Part 2

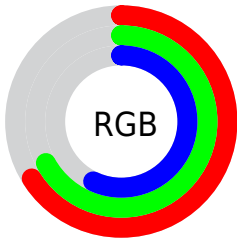
Format	Color
R _Y B	146, 172, 149
Decimal	11119762
CIE Lab	69.48, -5.65, 13.03
CIE LCh	69, 14.202, 113.464
Yxy	40.0154, 0.3321, 0.3660
Android (android.graphics.Color)	4289309842 (0xFFA9AC92)
YUV	168.1390, -10.9145, 0.7551
Hunter-Lab	63.2577, -8.2445, 13.3435

Details

The Yxy color **40.0154, 0.3321, 0.3660** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.9253, 0.2917, 0.2898**, and the grayscale version is **39.2853, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.9556, 0.3283, 0.3585**, and **18.0411, 0.3385, 0.3789** is the 20% darker color. If you saturate the color by 10%, you get **39.3065, 0.3451, 0.3914**, and if you desaturate by 10%, it is **40.8116, 0.3192, 0.3412**.

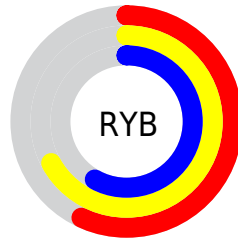
Distribution



Red (66%)

Green (67%)

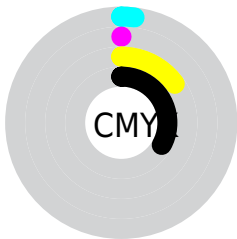
Blue (57%)



Red (57%)

Yellow (67%)

Blue (58%)

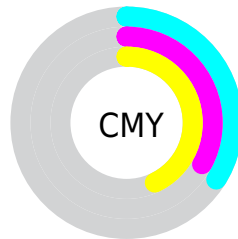


Cyan (2%)

Magenta (0%)

Yellow (15%)

Black (33%)



Cyan (34%)


Magenta (33%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.0154, 0.3321, 0.3660 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 40.0154, 0.3321, 0.3660 by changing the saturation by 10% instead.


 40.0154, 0.3321,
0.3660


 40.0154, 0.3321,
0.3660

346.1885, 0.3223,
0.3468

 27.5506, 0.3346,
0.3710


 75.1870, 0.3285,
0.3589

 17.9871, 0.3378,
0.3776


 98.6625, 0.3272,
0.3562

 10.9407, 0.3420,
0.3866


126.5770, 0.3260,
0.3540

 6.0270, 0.3480,
0.3997

159.3149, 0.3251,
0.3521

 2.8615, 0.3567,
0.4202

197.2606, 0.3242,
0.3505

 1.0599, 0.3996,
0.4926

240.7985, 0.3235,

 0.0000, 0.0000,

0.3491

0.0000

290.3130, 0.3229,
0.3479

■ 40.0154, 0.3321,
0.3660

■ 40.0154, 0.3321,
0.3660

■ 39.3065, 0.3451,
0.3914

■ 40.8116, 0.3192,
0.3412

■ 38.6760, 0.3577,
0.4168

■ 41.6932, 0.3066,
0.3176

■ 38.1218, 0.3695,
0.4412

■ 42.6652, 0.2947,
0.2955

■ 37.6397, 0.3799,
0.4637

■ 43.7305, 0.2835,
0.2750

■ 37.2251, 0.3884,
0.4833

■ 44.8920, 0.2731,
0.2562

■ 36.8728, 0.3946,
0.4992

■ 46.1525, 0.2636,
0.2391

■ 36.5768, 0.3982,
0.5108

■ 46.7581, 0.2615,
0.2339

■ 36.3296, 0.3994,
0.5182

■ 46.9995, 0.2628,
0.2343

■ 36.2181, 0.3996,
0.5210

■ 47.2442, 0.2642,
0.2346

Harmonies

Analogous

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



40.0154, 0.3479, 0.3613



40.0154, 0.3321, 0.3660



40.0154, 0.3115, 0.3601

Triad

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



40.0154, 0.3321, 0.3660



40.0154, 0.2729, 0.3078



40.0154, 0.3336, 0.3136

Complementary

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



40.0154, 0.3321, 0.3660



29.9253, 0.2917, 0.2898

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.



40.0154, 0.3129, 0.3004



40.0154, 0.3321, 0.3660



40.0154, 0.2783, 0.2967

Square

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



40.0154, 0.3321, 0.3660



40.0154, 0.2777, 0.3255



40.0154, 0.2927, 0.2942



40.0154, 0.3489, 0.3308

Rectangle

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



40.0154, 0.3321, 0.3660



40.0154, 0.2978, 0.3508



40.0154, 0.2927, 0.2942



40.0154, 0.3270, 0.3086

Sweetspot

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



40.0172, 0.3321, 0.3660



74.0473, 0.3192, 0.3412



32.2164, 0.3398, 0.3329



16.0698, 0.3200, 0.3428



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.



40.0172, 0.3321, 0.3660



72.1724, 0.3363, 0.3741



38.6864, 0.3203, 0.3674



9.2832, 0.3246, 0.3515



26.9695, 0.3998, 0.5208



0.7631, 0.4061, 0.5158

Inverse Universe

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



29.9253, 0.2917, 0.2898



50.4564, 0.2866, 0.2806



31.1784, 0.3040, 0.2912



7.7993, 0.3002, 0.3057



2.3369, 0.1548, 0.0626



0.0785, 0.1732, 0.0728

Previews

White Background



This preview shows how the Yxy color 40.0154, 0.3321, 0.3660 looks on a white background.

Color Contrast Check

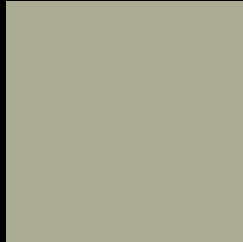
Large Text (above 18pt) WCAG AA × Fail

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 40.0154, 0.3321, 0.3660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

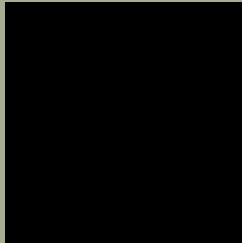
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

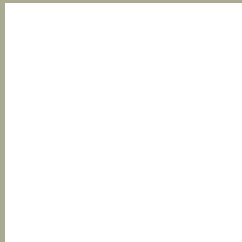
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.0154, 0.3321, 0.3660

Background



This preview shows how black text looks on a background with the Yxy color 40.0154, 0.3321, 0.3660.



This preview shows how white text looks on a background with the Yxy color 40.0154, 0.3321, 0.3660.

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

40.0154, 0.3321, 0.3660

Protanopia

39.8852, 0.3422, 0.3624

Deuteranopia

39.8018, 0.3568, 0.3490



Tritanopia

39.9314, 0.3081, 0.3114

Trichromacy



Original Color

40.0154, 0.3321, 0.3660

Protanomaly

39.9077, 0.3391, 0.3641

Deuteranomaly

39.6933, 0.3480, 0.3550

Tritanomaly

39.9737, 0.3163, 0.3304

Monochromacy



Original Color

40.0154, 0.3321, 0.3660

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.2388, 0.3195, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0154, 0.3321, 0.3660 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(169, 172, 146)` looks like.

```
.text, #text, p{  
    color:rgb(169, 172, 146)  
}
```

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(169, 172, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 172, 146) }
```

Border

The CSS property to change the border of an element to Yxy 40.0154, 0.3321, 0.3660 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(169, 172, 146) }
```

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

```
.border{ border-color:rgb(169, 172, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 172, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 172, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 172, 146);  
box-shadow:4px 4px 4px 4px rgb(169, 172,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0154, 0.3321, 0.3660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 172, 146) }
```

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

```
.background{ background-color: rgb(169,  
172, 146) }
```

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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