

Converting Colors

$Yxy(40.2861, 0.3632, 0.4302)$

Have a look what the booklet for
Yxy(40.2861, 0.3632, 0.4302)
contains.

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Color

Yxy(40.2861, 0.3632, 0.4302)

Conversions

Conversions Part 1

Format	Color
Hex	A7B069
RGB	167, 176, 105
RGB Percent	65%, 69%, 41%
CMY	0.3451, 0.3098, 0.5882
CMYK	0.05, 0.00, 0.40, 0.31
HSL	68°, 31%, 55%
HSV	68°, 40%, 69%
XYZ	34.0119, 40.2861, 19.3471
YIQ	165.2150, 17.4270, -23.9890

Conversions

Conversions Part 2

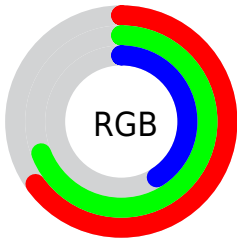
Format	Color
RYB	105, 176, 114
Decimal	10989673
CIELab	69.67, -14.30, 35.27
CIELCh	70, 38.062, 112.071
Yxy	40.2861, 0.3632, 0.4302
Android (android.graphics.Color)	4289179753 (0xFFA7B069)
YUV	165.2150, -29.6860, 1.5654
Hunter-Lab	63.4713, -15.4234, 26.3574

Details

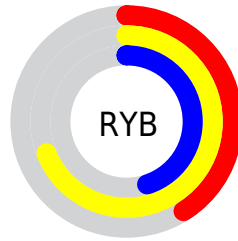
The Yxy color **40.2861, 0.3632, 0.4302** is a light color, and the websafe version is hex **999966**. A complement of this color would be **16.8150, 0.2481, 0.2104**, and the grayscale version is **37.8754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.8355, 0.3547, 0.4115**, and **18.2782, 0.3750, 0.4613** is the 20% darker color. If you saturate the color by 10%, you get **39.7218, 0.3741, 0.4540**, and if you desaturate by 10%, it is **40.9332, 0.3512, 0.4050**.

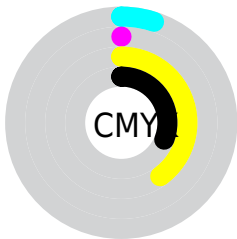
Distribution



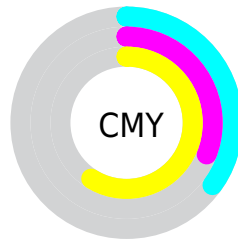
- Red (65%)
- Green (69%)
- Blue (41%)



- Red (41%)
- Yellow (69%)
- Blue (45%)



- Cyan (5%)
- Magenta (0%)
- Yellow (40%)
- Black (31%)



- Cyan (35%)
- Magenta (31%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.2861, 0.3632, 0.4302 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 40.2861, 0.3632, 0.4302 by changing the saturation by 10% instead.


 40.2861, 0.3632,
0.4302


 40.2861, 0.3632,
0.4302


347.3280, 0.3389,
0.3776


 27.7617, 0.3686,
0.4437


 75.5990, 0.3548,
0.4107


 18.1461, 0.3751,
0.4611


 99.1562, 0.3515,
0.4035

 11.0549, 0.3826,
0.4840


 127.1599, 0.3486,
0.3974

 6.1038, 0.3905,
0.5151

 159.9943, 0.3462,
0.3923

 2.9083, 0.4149,
0.5851

198.0440, 0.3440,
0.3878

 1.0840, 0.3815,
0.6185

241.6932, 0.3421,

 0.0000, 0.0000,

0.3840

0.0000

291.3264, 0.3404,
0.3806

■ 40.2861, 0.3632,
0.4302

■ 40.2861, 0.3632,
0.4302

■ 39.7218, 0.3741,
0.4540

■ 40.9332, 0.3512,
0.4050

■ 39.2300, 0.3833,
0.4753

■ 41.6618, 0.3385,
0.3794

■ 38.8075, 0.3904,
0.4933

■ 42.4777, 0.3257,
0.3541

■ 38.4483, 0.3950,
0.5073

■ 43.3847, 0.3131,
0.3298

■ 38.1454, 0.3971,
0.5169

■ 44.3862, 0.3010,
0.3068

 37.8922, 0.3973,
0.5228

 45.4854, 0.2896,
0.2855

 46.6856, 0.2789,
0.2658

 47.9896, 0.2691,
0.2478

 48.8473, 0.2650,
0.2393

Harmonies

Analogous

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



40.2861, 0.4062, 0.4096



40.2861, 0.3632, 0.4302



40.2861, 0.3089, 0.4191

Triad

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



40.2861, 0.3632, 0.4302



40.2861, 0.2124, 0.2719



40.2861, 0.3655, 0.2872

Complementary

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



40.2861, 0.3632, 0.4302



16.8150, 0.2481, 0.2104

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.



40.2861, 0.3086, 0.2568



40.2861, 0.3632, 0.4302



40.2861, 0.2240, 0.2461

Square

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



40.2861, 0.3632, 0.4302



40.2861, 0.2240, 0.3185



40.2861, 0.2576, 0.2418



40.2861, 0.4095, 0.3277

Rectangle

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



40.2861, 0.3632, 0.4302



40.2861, 0.2738, 0.3926



40.2861, 0.2576, 0.2418



40.2861, 0.3469, 0.2757

Sweetspot

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



40.2879, 0.3632, 0.4302



76.7483, 0.3281, 0.3588



22.1239, 0.4075, 0.3416



16.5911, 0.3297, 0.3620



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.2879, 0.3632, 0.4302



72.1842, 0.3725, 0.4505



36.9951, 0.3302, 0.4422



9.8509, 0.3244, 0.3516



27.8185, 0.3975, 0.5226



0.8905, 0.4040, 0.5174

Inverse Universe

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



16.8150, 0.2481, 0.2104



23.9711, 0.2315, 0.1815



19.6070, 0.2856, 0.2218



8.2801, 0.3004, 0.3056



2.4424, 0.1555, 0.0630



0.0932, 0.1744, 0.0735

Previews

White Background



This preview shows how the Yxy color 40.2861, 0.3632, 0.4302 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 40.2861, 0.3632, 0.4302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

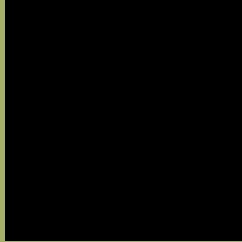
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.2861, 0.3632, 0.4302

Background



This preview shows how black text looks on a background with the Yxy color 40.2861, 0.3632, 0.4302.



This preview shows how white text looks on a background with the Yxy color 40.2861, 0.3632, 0.4302.

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

40.2861, 0.3632, 0.4302

Protanopia

40.1678, 0.3867, 0.4190

Deuteranopia

39.9025, 0.4062, 0.3973



Tritanopia

40.1628, 0.3099, 0.3115

Trichromacy



Original Color

40.2861, 0.3632, 0.4302

Protanomaly

40.0882, 0.3778, 0.4225

Deuteranomaly

39.7753, 0.3900, 0.4087

Tritanomaly

39.9336, 0.3301, 0.3529

Monochromacy



Original Color

40.2861, 0.3632, 0.4302

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.4661, 0.3324, 0.3667

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2861, 0.3632, 0.4302 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(167, 176, 105)` looks like.

```
.text, #text, p{  
    color:rgb(167, 176, 105)  
}
```

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(167, 176, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 176, 105) }
```

Border

The CSS property to change the border of an element to Yxy 40.2861, 0.3632, 0.4302 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(167, 176, 105) }
```

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

```
.border{ border-color:rgb(167, 176, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 176, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 176, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 176, 105);  
box-shadow:4px 4px 4px 4px rgb(167, 176,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2861, 0.3632, 0.4302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 176, 105) }
```

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

```
.background{ background-color: rgb(167,  
176, 105) }
```

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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