

Converting Colors

$Y_{xy}(40.0014, 0.3299, 0.3733)$

Have a look what the booklet for
Yxy(40.0014, 0.3299, 0.3733)
contains.

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Color

Yxy(40.1478, 0.3296, 0.3737)

Conversions

Conversions Part 1

Format	Color
Hex	A4AE8F
RGB	164, 174, 143
RGB Percent	64%, 68%, 56%
CMY	0.3567, 0.3177, 0.4392
CMYK	0.06, 0.00, 0.18, 0.32
HSL	79°, 16%, 62%
HSV	79°, 18%, 68%
XYZ	35.4100, 40.1478, 31.8754
YIQ	167.4760, 3.9910, -11.7610

Conversions

Conversions Part 2

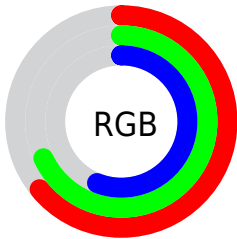
Format	Color
RYB	143, 174, 153
Decimal	10792591
CIELab	69.57, -9.08, 14.74
CIELCh	70, 17.315, 121.628
Yxy	40.1478, 0.3296, 0.3737
Android (android.graphics.Color)	4288982671 (0xFFA4AE8F)
YUV	167.4760, -12.0667, -3.0485
Hunter-Lab	63.3623, -11.1293, 14.5268

Details

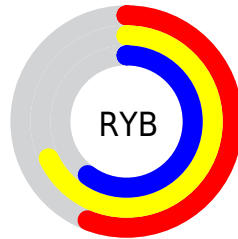
The Yxy color **40.1478, 0.3296, 0.3737** is a light color, and the websafe version is hex **999966**. A complement of this color would be **29.4754, 0.2937, 0.2829**, and the grayscale version is **38.9503, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1299, 0.3264, 0.3643**, and **18.1541, 0.3336, 0.3878** is the 20% darker color. If you saturate the color by 10%, you get **39.0801, 0.3389, 0.4006**, and if you desaturate by 10%, it is **41.3270, 0.3201, 0.3480**.

Distribution



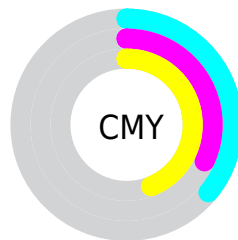
- Red (64%)
- Green (68%)
- Blue (56%)



- Red (56%)
- Yellow (68%)
- Blue (60%)



- Cyan (6%)
- Magenta (0%)
- Yellow (18%)
- Black (32%)



- Cyan (36%)
- Magenta (32%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1478, 0.3296, 0.3737 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 40.1478, 0.3296, 0.3737 by changing the saturation by 10% instead.


 40.1478, 0.3296,
0.3737


 40.1478, 0.3296,
0.3737


346.7461, 0.3212,
0.3504

 27.6538, 0.3317,
0.3798


 75.3885, 0.3266,
0.3650

 18.0649, 0.3343,
0.3879


 98.9040, 0.3254,
0.3618

 10.9966, 0.3378,
0.3990


126.8622, 0.3244,
0.3591

 6.0645, 0.3424,
0.4152

159.6473, 0.3236,
0.3568

 2.8844, 0.3488,
0.4408

197.6439, 0.3229,
0.3549

 1.0717, 0.3967,
0.5410

241.2363, 0.3222,

 0.0000, 0.0000,

0.3532

0.0000

290.8089, 0.3217,
0.3517

■ 40.1478, 0.3296,
0.3737

■ 40.1478, 0.3296,
0.3737

■ 39.0801, 0.3389,
0.4006

■ 41.3270, 0.3201,
0.3480

■ 38.1145, 0.3477,
0.4280

■ 42.6162, 0.3107,
0.3239

■ 37.2484, 0.3554,
0.4551

■ 44.0210, 0.3016,
0.3016

■ 36.4771, 0.3617,
0.4806

■ 45.5446, 0.2929,
0.2812

■ 35.7953, 0.3659,
0.5035

■ 47.1904, 0.2848,
0.2627

■ 35.1970, 0.3679,
0.5226

■ 48.9615, 0.2772,
0.2460

■ 34.6756, 0.3673,
0.5372

■ 50.2128, 0.2764,
0.2399

■ 34.2203, 0.3646,
0.5472

■ 51.0133, 0.2806,
0.2409

■ 34.1253, 0.3640,
0.5492

■ 51.8425, 0.2848,
0.2420

Harmonies

Analogous

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



40.1478, 0.3512, 0.3710



40.1478, 0.3296, 0.3737



40.1478, 0.3041, 0.3631

Triad

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



40.1478, 0.3296, 0.3737



40.1478, 0.2651, 0.2985



40.1478, 0.3442, 0.3156

Complementary

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



40.1478, 0.3296, 0.3737



29.4754, 0.2937, 0.2829

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.



40.1478, 0.3199, 0.2981



40.1478, 0.3296, 0.3737



40.1478, 0.2748, 0.2879

Square

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



40.1478, 0.3296, 0.3737



40.1478, 0.2675, 0.3181



40.1478, 0.2945, 0.2881



40.1478, 0.3601, 0.3368

Rectangle

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



40.1478, 0.3296, 0.3737



40.1478, 0.2883, 0.3499



40.1478, 0.2945, 0.2881



40.1478, 0.3367, 0.3091

Sweetspot

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



40.1496, 0.3296, 0.3737



75.5841, 0.3175, 0.3413



33.7071, 0.3439, 0.3432



16.7644, 0.3182, 0.3430



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.



40.1496, 0.3296, 0.3737



72.1192, 0.3330, 0.3832



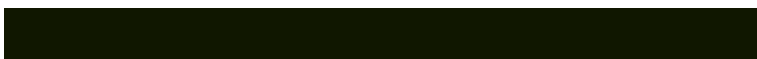
38.6143, 0.3155, 0.3757



9.1992, 0.3215, 0.3517



24.7863, 0.3646, 0.5487



0.7172, 0.3818, 0.5350

Inverse Universe

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



29.4754, 0.2937, 0.2829



49.4505, 0.2892, 0.2727



31.0649, 0.3090, 0.2850



7.8775, 0.3034, 0.3059



2.8539, 0.1744, 0.0734



0.1093, 0.2104, 0.0932

Previews

White Background



This preview shows how the Yxy color 40.1478, 0.3296, 0.3737 looks on a white background.

Color Contrast Check

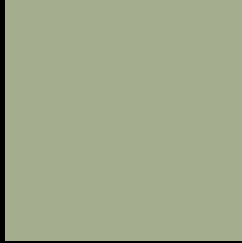
Large Text (above 18pt) WCAG AA × Fail

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 40.1478, 0.3296, 0.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

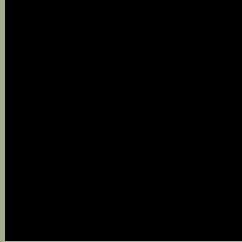
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

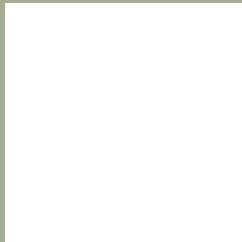
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.1478, 0.3296, 0.3737

Background



This preview shows how black text looks on a background with the Yxy color 40.1478, 0.3296, 0.3737.



This preview shows how white text looks on a background with the Yxy color 40.1478, 0.3296, 0.3737.

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

40.1478, 0.3296, 0.3737

Protanopia

39.8827, 0.3468, 0.3680

Deuteranopia

39.8408, 0.3607, 0.3529



Tritanopia

40.2994, 0.3028, 0.3112

Trichromacy



Original Color

40.1478, 0.3296, 0.3737

Protanomaly

40.0775, 0.3405, 0.3699

Deuteranomaly

39.8414, 0.3495, 0.3606

Tritanomaly

40.2778, 0.3125, 0.3332

Monochromacy



Original Color

40.1478, 0.3296, 0.3737

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.3251, 0.3192, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1478, 0.3296, 0.3737 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(164, 174, 143)` looks like.

```
.text, #text, p{  
    color:rgb(164, 174, 143)  
}
```

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(164, 174, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 174, 143) }
```

Border

The CSS property to change the border of an element to Yxy 40.1478, 0.3296, 0.3737 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(164, 174, 143) }
```

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

```
.border{ border-color:rgb(164, 174, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 174, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 174, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 174, 143);  
box-shadow:4px 4px 4px 4px rgb(164, 174,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1478, 0.3296, 0.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 174, 143) }
```

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

```
.background{ background-color: rgb(164,  
174, 143) }
```

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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