

Converting Colors

$Yxy(40.0117, 0.3564, 0.4173)$

Have a look what the booklet for
Yxy(40.0117, 0.3564, 0.4173)
contains.

Yxy(40.0903, 0.3564, 0.4166)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(40.0903, 0.3564, 0.4166)

Conversions

Conversions Part 1

Format	Color
Hex	A7AF72
RGB	167, 175, 114
RGB Percent	65%, 69%, 45%
CMY	0.3452, 0.3137, 0.5530
CMYK	0.05, 0.00, 0.35, 0.31
HSL	68°, 28%, 57%
HSV	68°, 35%, 69%
XYZ	34.2971, 40.0903, 21.8447
YIQ	165.6540, 14.8130, -20.6670

Conversions

Conversions Part 2

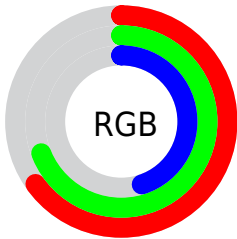
Format	Color
RYB	114, 175, 122
Decimal	10989426
CIELab	69.53, -12.71, 30.39
CIElCh	70, 32.942, 112.701
Yxy	40.0903, 0.3564, 0.4166
Android (android.graphics.Color)	4289179506 (0xFFA7AF72)
YUV	165.6540, -25.4654, 1.1804
Hunter-Lab	63.3169, -14.1157, 23.8664

Details

The Yxy color **40.0903, 0.3564, 0.4166** is a light color, and the websafe version is hex **999966**. A complement of this color would be **19.2668, 0.2588, 0.2289**, and the grayscale version is **38.0750, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0716, 0.3488, 0.3986**, and **18.1250, 0.3670, 0.4441** is the 20% darker color. If you saturate the color by 10%, you get **39.4818, 0.3679, 0.4413**, and if you desaturate by 10%, it is **40.7831, 0.3441, 0.3910**.

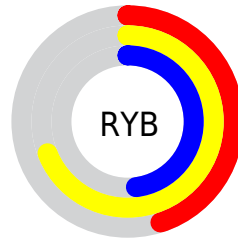
Distribution



Red (65%)

Green (69%)

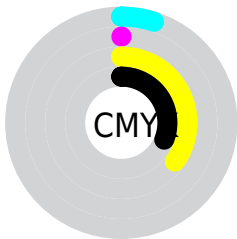
Blue (45%)



Red (45%)

Yellow (69%)

Blue (48%)

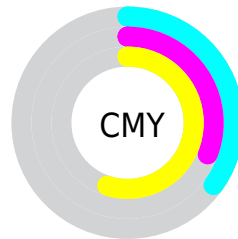


Cyan (5%)

Magenta (0%)

Yellow (35%)

Black (31%)



Cyan (35%)


Magenta (31%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.0903, 0.3564, 0.4166 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 40.0903, 0.3564, 0.4166 by changing the saturation by 10% instead.


 40.0903, 0.3564,
0.4166


 40.0903, 0.3564,
0.4166

346.5040, 0.3351,
0.3709


 27.6090, 0.3614,
0.4284


 75.3010, 0.3489,
0.3996


 18.0311, 0.3674,
0.4438


 98.7991, 0.3460,
0.3934

 10.9723, 0.3748,
0.4644


 126.7383, 0.3435,
0.3881

 6.0482, 0.3833,
0.4931

 159.5030, 0.3413,
0.3836

 2.8744, 0.4043,
0.5516

197.4775, 0.3395,
0.3798

 1.0665, 0.3938,
0.6062

241.0462, 0.3378,

 0.0000, 0.0000,

0.3764

0.0000

290.5936, 0.3364,
0.3735

■ 40.0903, 0.3564,
0.4166

■ 40.0903, 0.3564,
0.4166

■ 39.4818, 0.3679,
0.4413

■ 40.7831, 0.3441,
0.3910

■ 38.9479, 0.3780,
0.4642

■ 41.5589, 0.3314,
0.3655

■ 38.4856, 0.3862,
0.4843


■ 42.4232, 0.3188,
0.3407

■ 38.0893, 0.3921,
0.5006

■ 43.3796, 0.3065,
0.3171


■ 37.7529, 0.3955,
0.5127


■ 44.4313, 0.2948,
0.2950

 37.4688, 0.3964,
0.5204

 45.5817, 0.2839,
0.2745

 37.3344, 0.3964,
0.5235

 46.8335, 0.2737,
0.2558

 48.1898, 0.2643,
0.2388

 48.5447, 0.2653,
0.2383

Harmonies

Analogous

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



40.0903, 0.3938, 0.4005



40.0903, 0.3564, 0.4166



40.0903, 0.3090, 0.4056

Triad

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



40.0903, 0.3564, 0.4166



40.0903, 0.2245, 0.2791



40.0903, 0.3596, 0.2932

Complementary

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



40.0903, 0.3564, 0.4166



19.2668, 0.2588, 0.2289

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.



40.0903, 0.3105, 0.2659



40.0903, 0.3564, 0.4166



40.0903, 0.2353, 0.2562

Square

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



40.0903, 0.3564, 0.4166



40.0903, 0.2346, 0.3195



40.0903, 0.2656, 0.2524



40.0903, 0.3970, 0.3294

Rectangle

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



40.0903, 0.3564, 0.4166



40.0903, 0.2783, 0.3827



40.0903, 0.2656, 0.2524



40.0903, 0.3437, 0.2828

Sweetspot

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



40.0921, 0.3564, 0.4166



75.1230, 0.3254, 0.3537



24.0303, 0.3899, 0.3399



16.6500, 0.3272, 0.3572



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.



40.0921, 0.3564, 0.4166



70.9195, 0.3655, 0.4361



37.2310, 0.3283, 0.4252



9.2758, 0.3243, 0.3515



26.7503, 0.3966, 0.5233



0.7587, 0.4040, 0.5174

Inverse Universe

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



19.2668, 0.2588, 0.2289



27.8937, 0.2439, 0.2025



21.7655, 0.2902, 0.2372



7.8060, 0.3005, 0.3057



2.3637, 0.1559, 0.0632



0.0812, 0.1767, 0.0747

Previews

White Background



This preview shows how the Yxy color 40.0903, 0.3564, 0.4166 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 40.0903, 0.3564, 0.4166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

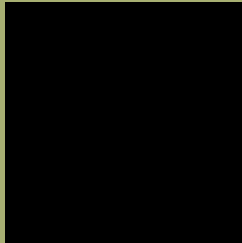
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.0903, 0.3564, 0.4166

Background



This preview shows how black text looks on a background with the Yxy color 40.0903, 0.3564, 0.4166.



This preview shows how white text looks on a background with the Yxy color 40.0903, 0.3564, 0.4166.

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

40.0903, 0.3564, 0.4166

Protanopia

40.1096, 0.3771, 0.4081

Deuteranopia

39.8215, 0.3959, 0.3868



Tritanopia

40.0467, 0.3090, 0.3114

Trichromacy



Original Color

40.0903, 0.3564, 0.4166

Protanomaly

40.1623, 0.3693, 0.4110

Deuteranomaly

39.8455, 0.3811, 0.3975

Tritanomaly

39.9204, 0.3265, 0.3487

Monochromacy



Original Color

40.0903, 0.3564, 0.4166

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.5895, 0.3289, 0.3608

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0903, 0.3564, 0.4166 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, 175, 114)` looks like.

```
.text, #text, p{  
    color:rgb(167, 175, 114)  
}
```

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, 175, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 175, 114) }
```

Border

The CSS property to change the border of an element to Yxy 40.0903, 0.3564, 0.4166 is called "border". The border property can be set on classes, ids or directly on the HTML element.

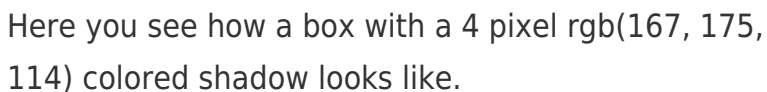
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 175, 114) }
```

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

```
.border{ border-color:rgb(167, 175, 114) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 175, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 175, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 175, 114);  
box-shadow:4px 4px 4px 4px rgb(167, 175,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0903, 0.3564, 0.4166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 175, 114) }
```

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

```
.background{ background-color: rgb(167,  
175, 114) }
```

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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