

Converting Colors

$Yxy(41.0097, 0.3485, 0.4225)$

Have a look what the booklet for
Yxy(41.0097, 0.3485, 0.4225)
contains.

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Color

Yxy(41.0551, 0.3484, 0.4218)

Conversions

Conversions Part 1

Format	Color
Hex	A1B373
RGB	161, 179, 115
RGB Percent	63%, 70%, 45%
CMY	0.3687, 0.2980, 0.5489
CMYK	0.10, 0.00, 0.36, 0.30
HSL	77°, 30%, 58%
HSV	77°, 36%, 70%
XYZ	33.9109, 41.0551, 22.3671
YIQ	166.3220, 9.8160, -23.7200

Conversions

Conversions Part 2

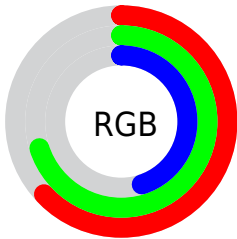
Format	Color
RYB	115, 179, 133
Decimal	10597235
CIELab	70.21, -16.99, 30.64
CIElCh	70, 35.032, 119.009
Yxy	41.0551, 0.3484, 0.4218
Android (android.graphics.Color)	4288787315 (0xFFA1B373)
YUV	166.3220, -25.3017, -4.6674
Hunter-Lab	64.0743, -17.6601, 24.1549

Details

The Yxy color **41.0551, 0.3484, 0.4218** is a light color, and the websafe version is hex **999966**. A complement of this color would be **20.5167, 0.2667, 0.2284**, and the grayscale version is **38.4191, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9955, 0.3426, 0.4034**, and **18.5032, 0.3560, 0.4503** is the 20% darker color. If you saturate the color by 10%, you get **40.1703, 0.3571, 0.4485**, and if you desaturate by 10%, it is **42.0447, 0.3388, 0.3948**.

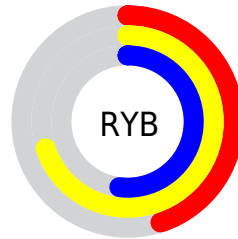
Distribution



Red (63%)

Green (70%)

Blue (45%)



Red (45%)

Yellow (70%)

Blue (52%)

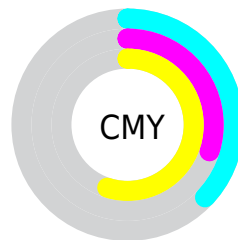


Cyan (10%)

Magenta (0%)

Yellow (36%)

Black (30%)



Cyan (37%)


Magenta (30%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0551, 0.3484, 0.4218 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 41.0551, 0.3484, 0.4218 by changing the saturation by 10% instead.

 41.0551, 0.3484,
0.4218


 41.0551, 0.3484,
0.4218

350.5509, 0.3314,
0.3732


 28.3621, 0.3522,
0.4345


 76.7675, 0.3425,
0.4037

 18.5988, 0.3566,
0.4510


 100.5558, 0.3402,
0.3970

 11.3808, 0.3618,
0.4734


 128.8113, 0.3383,
0.3914

 6.3236, 0.3671,
0.5047

161.9184, 0.3365,
0.3867

 3.0428, 0.3801,
0.5651

200.2615, 0.3350,
0.3826

 1.1541, 0.3638,
0.6362

244.2250, 0.3337,

 0.0237, 0.0000,

0.3790

1.0000

294.1933, 0.3325,
0.3759

0.0000, 0.0000,
0.0000

41.0551, 0.3484,
0.4218

41.0551, 0.3484,
0.4218

40.1703, 0.3571,
0.4485

42.0447, 0.3388,
0.3948

39.3800, 0.3644,
0.4738

43.1382, 0.3287,
0.3682

38.6806, 0.3697,
0.4966


44.3416, 0.3185,
0.3429


38.0661, 0.3728,
0.5158

45.6589, 0.3085,
0.3191

37.5295, 0.3734,
0.5305

47.0938, 0.2989,
0.2970

 37.0621, 0.3716,
0.5405

 48.6498, 0.2898,
0.2769

 36.8759, 0.3704,
0.5441

 50.3304, 0.2813,
0.2586

 51.9281, 0.2755,
0.2451

 52.6405, 0.2791,
0.2460

Harmonies

Analogous

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



41.0551, 0.3912, 0.4096



41.0551, 0.3484, 0.4218



41.0551, 0.2980, 0.4038

Triad

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



41.0551, 0.3484, 0.4218



41.0551, 0.2207, 0.2696



41.0551, 0.3720, 0.2987

Complementary

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



41.0551, 0.3484, 0.4218



20.5167, 0.2667, 0.2284

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.



41.0551, 0.3213, 0.2677



41.0551, 0.3484, 0.4218



41.0551, 0.2365, 0.2500

Square

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



41.0551, 0.3484, 0.4218



41.0551, 0.2266, 0.3086



41.0551, 0.2719, 0.2502



41.0551, 0.4070, 0.3376

Rectangle

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



41.0551, 0.3484, 0.4218



41.0551, 0.2671, 0.3761



41.0551, 0.2719, 0.2502



41.0551, 0.3560, 0.2872

Sweetspot

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



41.0569, 0.3484, 0.4218



78.2075, 0.3240, 0.3565



27.3517, 0.3878, 0.3541



17.2638, 0.3254, 0.3599



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



41.0569, 0.3484, 0.4218



72.2418, 0.3554, 0.4432



38.2250, 0.3202, 0.4307



9.7839, 0.3221, 0.3518



26.0896, 0.3710, 0.5436



0.8485, 0.3851, 0.5324

Inverse Universe

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



20.5167, 0.2667, 0.2284



29.9184, 0.2537, 0.2028



23.4259, 0.3001, 0.2375



8.3423, 0.3027, 0.3058



2.8161, 0.1692, 0.0706



0.1187, 0.2012, 0.0882

Previews

White Background



This preview shows how the Yxy color 41.0551, 0.3484, 0.4218 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 41.0551, 0.3484, 0.4218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

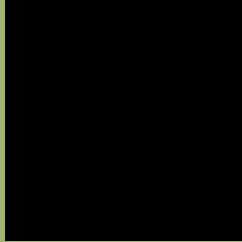
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

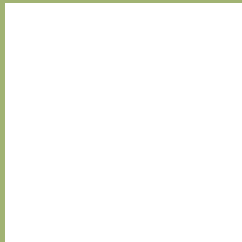
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.0551, 0.3484, 0.4218

Background



This preview shows how black text looks on a background with the Yxy color 41.0551, 0.3484, 0.4218.



This preview shows how white text looks on a background with the Yxy color 41.0551, 0.3484, 0.4218.

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

41.0551, 0.3484, 0.4218

Protanopia

40.7348, 0.3786, 0.4087

Deuteranopia

40.8381, 0.3959, 0.3875



Tritanopia

41.1326, 0.3012, 0.3113

Trichromacy



Original Color

41.0551, 0.3484, 0.4218

Protanomaly

40.8115, 0.3674, 0.4137

Deuteranomaly

40.4791, 0.3782, 0.3989

Tritanomaly

40.9908, 0.3189, 0.3501

Monochromacy



Original Color

41.0551, 0.3484, 0.4218

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

39.1249, 0.3267, 0.3637

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0551, 0.3484, 0.4218 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(161, 179, 115)` looks like.

```
.text, #text, p{  
    color:rgb(161, 179, 115)  
}
```

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(161, 179, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 179, 115) }
```

Border

The CSS property to change the border of an element to Yxy 41.0551, 0.3484, 0.4218 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(161, 179, 115) }
```

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

```
.border{ border-color:rgb(161, 179, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 179, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 179, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 179, 115);  
box-shadow:4px 4px 4px 4px rgb(161, 179,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0551, 0.3484, 0.4218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 179, 115) }
```

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

```
.background{ background-color: rgb(161,  
179, 115) }
```

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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