

Converting Colors

$Yxy(41.3800, 0.3474, 0.4113)$

Have a look what the booklet for
Yxy(41.3800, 0.3474, 0.4113)
contains.

Yxy(41.2206, 0.3478, 0.4109)	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(41.2206, 0.3478, 0.4109)

Conversions

Conversions Part 1

Format	Color
Hex	A5B279
RGB	165, 178, 121
RGB Percent	65%, 70%, 47%
CMY	0.3529, 0.3020, 0.5255
CMYK	0.07, 0.00, 0.32, 0.30
HSL	74°, 27%, 59%
HSV	74°, 32%, 70%
XYZ	34.8905, 41.2206, 24.2067
YIQ	167.6150, 10.5490, -20.4830

Conversions

Conversions Part 2

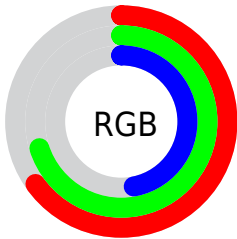
Format	Color
RYB	121, 178, 134
Decimal	10859129
CIELab	70.33, -14.10, 27.69
CIElCh	70, 31.072, 116.996
Yxy	41.2206, 0.3478, 0.4109
Android (android.graphics.Color)	4289049209 (0xFFA5B279)
YUV	167.6150, -22.9812, -2.2934
Hunter-Lab	64.2033, -15.3519, 22.5881

Details

The Yxy color $41.2206, 0.3478, 0.4109$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $21.9572, 0.2693, 0.2394$, and the grayscale version is $39.0719, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.2738, 0.3419, 0.3951$, and $18.5799, 0.3558, 0.4353$ is the 20% darker color. If you saturate the color by 10%, you get $40.3971, 0.3579, 0.4372$, and if you desaturate by 10%, it is $42.1421, 0.3370, 0.3844$.

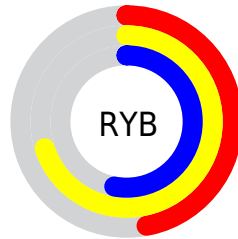
Distribution



Red (65%)

Green (70%)

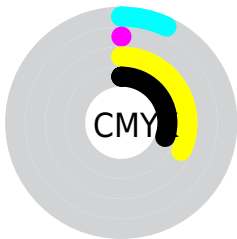
Blue (47%)



Red (47%)

Yellow (70%)

Blue (53%)

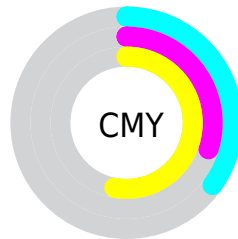


Cyan (7%)

Magenta (0%)

Yellow (32%)

Black (30%)



Cyan (35%)

Magenta (30%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2206, 0.3478, 0.4109 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 41.2206, 0.3478, 0.4109 by changing the saturation by 10% instead.


 41.2206, 0.3478,
0.4109


 41.2206, 0.3478,
0.4109


351.2418, 0.3308,
0.3682


 28.4915, 0.3517,
0.4220


 77.0187, 0.3418,
0.3950

 18.6965, 0.3565,
0.4366


 100.8564, 0.3395,
0.3891

 11.4512, 0.3623,
0.4562


 129.1658, 0.3375,
0.3842

 6.3712, 0.3692,
0.4839

162.3313, 0.3358,
0.3800

 3.0721, 0.3801,
0.5309

200.7372, 0.3343,
0.3765

 1.1695, 0.3884,
0.6116

244.7680, 0.3330,

 0.0366, 0.0000,

0.3733

1.0000

294.8081, 0.3319,
0.3706

0.0000, 0.0000,
0.0000

41.2206, 0.3478,
0.4109

41.2206, 0.3478,
0.4109

40.3971, 0.3579,
0.4372

42.1421, 0.3370,
0.3844

39.6616, 0.3667,
0.4623

43.1605, 0.3259,
0.3585

39.0109, 0.3738,
0.4851


44.2813, 0.3149,
0.3338


38.4394, 0.3787,
0.5046


45.5084, 0.3042,
0.3106


37.9409, 0.3811,
0.5199

46.8453, 0.2941,
0.2892


 37.5078, 0.3810,
0.5307

 48.2953, 0.2845,
0.2696

 37.1968, 0.3796,
0.5368

 49.8615, 0.2756,
0.2517

 50.9940, 0.2726,
0.2433

 51.5507, 0.2755,
0.2440

Harmonies

Analogous

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



41.2206, 0.3847, 0.3995



41.2206, 0.3478, 0.4109



41.2206, 0.3031, 0.3964

Triad

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



41.2206, 0.3478, 0.4109



41.2206, 0.2300, 0.2783



41.2206, 0.3626, 0.3000

Complementary

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



41.2206, 0.3478, 0.4109



21.9572, 0.2693, 0.2394

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.



41.2206, 0.3174, 0.2726



41.2206, 0.3478, 0.4109



41.2206, 0.2430, 0.2591

Square

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



41.2206, 0.3478, 0.4109



41.2206, 0.2368, 0.3142



41.2206, 0.2740, 0.2578



41.2206, 0.3947, 0.3348

Rectangle

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



41.2206, 0.3478, 0.4109



41.2206, 0.2750, 0.3732



41.2206, 0.2740, 0.2578



41.2206, 0.3482, 0.2897

Sweetspot

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



41.2224, 0.3478, 0.4109



78.6294, 0.3239, 0.3539



27.7172, 0.3790, 0.3473



17.3600, 0.3254, 0.3574



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.



41.2224, 0.3478, 0.4109



73.7416, 0.3546, 0.4284



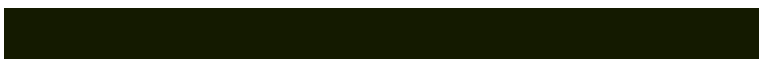
38.5530, 0.3222, 0.4180



9.8071, 0.3229, 0.3517



26.6435, 0.3801, 0.5364



0.8623, 0.3917, 0.5272

Inverse Universe

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



21.9572, 0.2693, 0.2394



33.6253, 0.2582, 0.2180



24.5555, 0.2987, 0.2466



8.3205, 0.3019, 0.3057



2.6549, 0.1634, 0.0674



0.1099, 0.1922, 0.0833

Previews

White Background



This preview shows how the Yxy color 41.2206, 0.3478, 0.4109 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 41.2206, 0.3478, 0.4109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

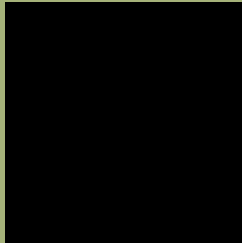
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

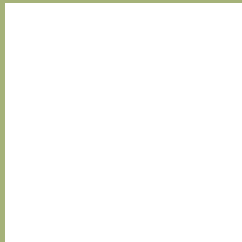
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.2206, 0.3478, 0.4109

Background



This preview shows how black text looks on a background with the Yxy color 41.2206, 0.3478, 0.4109.



This preview shows how white text looks on a background with the Yxy color 41.2206, 0.3478, 0.4109.

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

41.2206, 0.3478, 0.4109

Protanopia

41.2522, 0.3730, 0.4020

Deuteranopia

41.2029, 0.3888, 0.3815



Tritanopia

41.0944, 0.3038, 0.3101

Trichromacy



Original Color

41.2206, 0.3478, 0.4109

Protanomaly

41.0690, 0.3634, 0.4053

Deuteranomaly

41.1267, 0.3735, 0.3920

Tritanomaly

41.0064, 0.3200, 0.3458

Monochromacy



Original Color

41.2206, 0.3478, 0.4109

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.9549, 0.3259, 0.3590

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2206, 0.3478, 0.4109 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(165, 178, 121)` looks like.

```
.text, #text, p{  
    color:rgb(165, 178, 121)  
}
```

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(165, 178, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 178, 121) }
```

Border

The CSS property to change the border of an element to Yxy 41.2206, 0.3478, 0.4109 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(165, 178, 121) }
```

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

```
.border{ border-color:rgb(165, 178, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 178, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 178, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 178, 121);  
box-shadow:4px 4px 4px 4px rgb(165, 178,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2206, 0.3478, 0.4109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 178, 121) }
```

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

```
.background{ background-color: rgb(165,  
178, 121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor