

Converting Colors

$Y_{xy}(41.1975, 0.3118, 0.3482)$

Have a look what the booklet for
Yxy(41.1975, 0.3118, 0.3482)
contains.

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Color

Yxy(41.3407, 0.3118, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	A2B0A2
RGB	162, 176, 162
RGB Percent	64%, 69%, 64%
CMY	0.3647, 0.3098, 0.3648
CMYK	0.08, 0.00, 0.08, 0.31
HSL	120°, 8%, 66%
HSV	120°, 8%, 69%
XYZ	36.9448, 41.3407, 40.2032
YIQ	170.2180, -3.8500, -7.3220

Conversions

Conversions Part 2

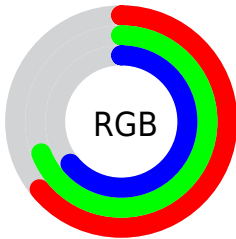
Format	Color
RYB	162, 176, 176
Decimal	10662050
CIELab	70.41, -7.57, 5.51
CIELCh	70, 9.364, 143.972
Yxy	41.3407, 0.3118, 0.3489
Android (android.graphics.Color)	4288852130 (0xFFA2B0A2)
YUV	170.2180, -4.0515, -7.2072
Hunter-Lab	64.2967, -9.9536, 7.9351

Details

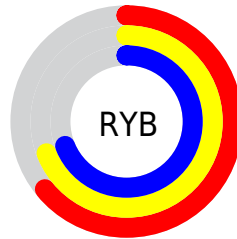
The Yxy color **41.3407, 0.3118, 0.3489** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.1959, 0.3136, 0.3099**, and the grayscale version is **40.3347, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4747, 0.3120, 0.3453**, and **18.8561, 0.3114, 0.3569** is the 20% darker color. If you saturate the color by 10%, you get **39.0460, 0.3105, 0.3769**, and if you desaturate by 10%, it is **43.9838, 0.3129, 0.3243**.

Distribution



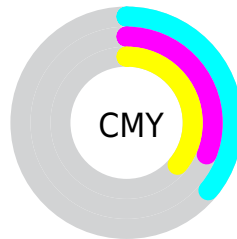
- Red (64%)
- Green (69%)
- Blue (64%)



- Red (64%)
- Yellow (69%)
- Blue (69%)



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (31%)




- Cyan (36%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3407, 0.3118, 0.3489 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 41.3407, 0.3118, 0.3489 by changing the saturation by 10% instead.


 41.3407, 0.3118,
0.3489

 41.3407, 0.3118,
0.3489


351.7426, 0.3123,
0.3386

 28.5854, 0.3116,
0.3516

 77.2008, 0.3120,
0.3451

 18.7674, 0.3114,
0.3551


 101.0744, 0.3121,
0.3437

 11.5023, 0.3111,
0.3599


129.4229, 0.3121,
0.3425

 6.4058, 0.3106,
0.3669

162.6307, 0.3122,
0.3415

 3.0934, 0.3097,
0.3779

201.0822, 0.3122,
0.3406

 1.1807, 0.3080,
0.3984

245.1617, 0.3123,

 0.0458, 0.0000,

0.3399

1.0000

295.2537, 0.3123,
0.3392

0.0000, 0.0000,
0.0000

41.3407, 0.3118,
0.3489

41.3407, 0.3118,
0.3489

39.0460, 0.3105,
0.3769

43.9838, 0.3129,
0.3243

37.0802, 0.3091,
0.4082

46.9833, 0.3139,
0.3029

35.4299, 0.3075,
0.4422

50.3538, 0.3148,
0.2845

34.0785, 0.3058,
0.4776

54.1073, 0.3155,
0.2687

33.0082, 0.3042,
0.5124

58.2554, 0.3161,
0.2552

■ 32.1993, 0.3027,
0.5442

■ 59.5336, 0.3163,
0.2517

■ 31.6293, 0.3015,
0.5701

■ 31.2722, 0.3006,
0.5882

■ 31.0861, 0.3001,
0.5983

Harmonies

Analogous

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



41.3407, 0.3253, 0.3529



41.3407, 0.3118, 0.3489



41.3407, 0.2988, 0.3392

Triad

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



41.3407, 0.3118, 0.3489



41.3407, 0.2902, 0.3078



41.3407, 0.3364, 0.3306

Complementary

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



41.3407, 0.3118, 0.3489



38.1959, 0.3136, 0.3099

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.



41.3407, 0.3266, 0.3191



41.3407, 0.3118, 0.3489



41.3407, 0.2999, 0.3061

Square

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



41.3407, 0.3118, 0.3489



41.3407, 0.2865, 0.3152



41.3407, 0.3132, 0.3102



41.3407, 0.3397, 0.3420

Rectangle

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



41.3407, 0.3118, 0.3489



41.3407, 0.2921, 0.3309



41.3407, 0.3132, 0.3102



41.3407, 0.3337, 0.3266

Sweetspot

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



41.3425, 0.3118, 0.3489



77.7412, 0.3125, 0.3339



42.8008, 0.3243, 0.3479



16.8594, 0.3125, 0.3336



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.



41.3425, 0.3118, 0.3489



74.0041, 0.3115, 0.3548



41.5881, 0.3063, 0.3392



9.4907, 0.3116, 0.3525



22.7839, 0.3000, 0.6000



0.7171, 0.3002, 0.5998

Inverse Universe

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



38.1959, 0.3136, 0.3099



66.8280, 0.3138, 0.3045



37.9364, 0.3196, 0.3190



8.6461, 0.3137, 0.3066



9.0510, 0.3206, 0.1540



0.2850, 0.3207, 0.1540

Previews

White Background



This preview shows how the Yxy color 41.3407, 0.3118, 0.3489 looks on a white background.

Color Contrast Check

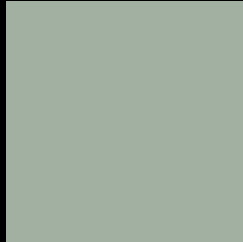
Large Text (above 18pt) WCAG AA × Fail

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 41.3407, 0.3118, 0.3489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

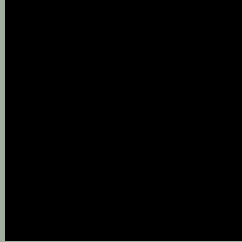
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

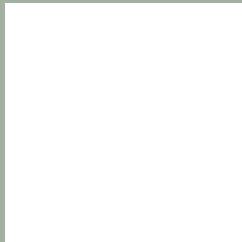
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.3407, 0.3118, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 41.3407, 0.3118, 0.3489.



This preview shows how white text looks on a background with the Yxy color 41.3407, 0.3118, 0.3489.

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

41.3407, 0.3118, 0.3489

Protanopia

41.0940, 0.3294, 0.3455

Deuteranopia

41.1592, 0.3391, 0.3317



Tritanopia

41.1572, 0.2962, 0.3099

Trichromacy



Original Color

41.3407, 0.3118, 0.3489

Protanomaly

41.1959, 0.3227, 0.3471

Deuteranomaly

41.2176, 0.3289, 0.3385

Tritanomaly

41.0608, 0.3024, 0.3234

Monochromacy



Original Color

41.3407, 0.3118, 0.3489

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.5106, 0.3124, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3407, 0.3118, 0.3489 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(162, 176, 162)` looks like.

```
.text, #text, p{  
    color:rgb(162, 176, 162)  
}
```

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(162, 176, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 176, 162) }
```

Border

The CSS property to change the border of an element to Yxy 41.3407, 0.3118, 0.3489 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(162, 176, 162) }
```

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

```
.border{ border-color:rgb(162, 176, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 176, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 176, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 176, 162);  
box-shadow:4px 4px 4px 4px rgb(162, 176,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3407, 0.3118, 0.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 176, 162) }
```

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

```
.background{ background-color: rgb(162,  
176, 162) }
```

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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