

Converting Colors

$Yxy(41.3769, 0.3162, 0.3666)$

Have a look what the booklet for
Yxy(41.3769, 0.3162, 0.3666)
contains.

Yxy(41.3769, 0.3162, 0.3666)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.3769, 0.3162, 0.3666)

Conversions

Conversions Part 1

Format	Color
Hex	9EB298
RGB	158, 178, 152
RGB Percent	62%, 70%, 60%
CMY	0.3803, 0.3019, 0.4040
CMYK	0.11, 0.00, 0.15, 0.30
HSL	106°, 14%, 65%
HSV	106°, 15%, 70%
XYZ	35.6884, 41.3769, 35.8013
YIQ	169.0560, -3.5740, -12.3260

Conversions

Conversions Part 2

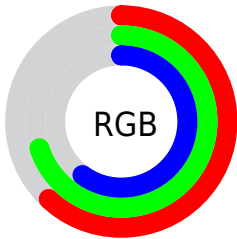
Format	Color
RYB	152, 178, 172
Decimal	10400408
CIELab	70.44, -11.87, 10.99
CIELCh	70, 16.175, 137.190
Yxy	41.3769, 0.3162, 0.3666
Android (android.graphics.Color)	4288590488 (0xFF9EB298)
YUV	169.0560, -8.4086, -9.6961
Hunter-Lab	64.3249, -13.5340, 12.0284

Details

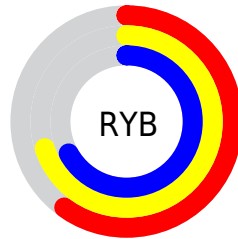
The Yxy color **41.3769, 0.3162, 0.3666** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.4311, 0.3085, 0.2929**, and the grayscale version is **39.7500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4480, 0.3160, 0.3599**, and **18.6710, 0.3164, 0.3780** is the 20% darker color. If you saturate the color by 10%, you get **39.5281, 0.3183, 0.3957**, and if you desaturate by 10%, it is **43.4711, 0.3138, 0.3402**.

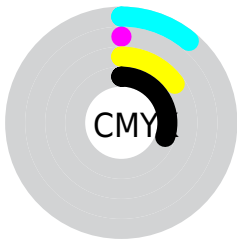
Distribution



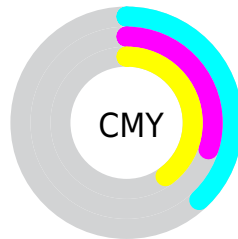
- Red (62%)
- Green (70%)
- Blue (60%)



- Red (60%)
- Yellow (70%)
- Blue (67%)



- Cyan (11%)
- Magenta (0%)
- Yellow (15%)
- Black (30%)




- Cyan (38%)
- Magenta (30%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3769, 0.3162, 0.3666 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 41.3769, 0.3162, 0.3666 by changing the saturation by 10% instead.

 41.3769, 0.3162,
0.3666


 41.3769, 0.3162,
0.3666


351.8934, 0.3146,
0.3470

 28.6137, 0.3165,
0.3718


 77.2557, 0.3157,
0.3593

 18.7888, 0.3169,
0.3785


 101.1401, 0.3155,
0.3566

 11.5178, 0.3173,
0.3879


129.5004, 0.3153,
0.3544

 6.4162, 0.3177,
0.4015

162.7209, 0.3151,
0.3524

 3.0998, 0.3179,
0.4233

201.1861, 0.3150,
0.3508

 1.1840, 0.3258,
0.4769

245.2803, 0.3148,

 0.0486, 0.0000,

0.3494

1.0000

295.3879, 0.3147,
0.3481

0.0000, 0.0000,
0.0000

41.3769, 0.3162,
0.3666

41.3769, 0.3162,
0.3666

39.5281, 0.3183,
0.3957

43.4711, 0.3138,
0.3402

37.9104, 0.3200,
0.4271

45.8139, 0.3114,
0.3167

36.5161, 0.3210,
0.4599

48.4149, 0.3089,
0.2959

35.3352, 0.3211,
0.4927

51.2819, 0.3065,
0.2776

34.3565, 0.3202,
0.5239

54.4222, 0.3041,
0.2616

■ 33.5682, 0.3181,
0.5512

■ 57.5970, 0.3046,
0.2509

■ 32.9567, 0.3150,
0.5727

■ 60.0818, 0.3153,
0.2534

■ 32.5067, 0.3110,
0.5871

■ 60.3222, 0.3163,
0.2536

■ 32.3190, 0.3090,
0.5928

Harmonies

Analogous

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



41.3769, 0.3388, 0.3706



41.3769, 0.3162, 0.3666



41.3769, 0.2932, 0.3513

Triad

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



41.3769, 0.3162, 0.3666



41.3769, 0.2719, 0.2945



41.3769, 0.3508, 0.3267

Complementary

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



41.3769, 0.3162, 0.3666



34.4311, 0.3085, 0.2929

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.



41.3769, 0.3316, 0.3081



41.3769, 0.3162, 0.3666



41.3769, 0.2861, 0.2897

Square

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



41.3769, 0.3162, 0.3666



41.3769, 0.2682, 0.3087



41.3769, 0.3078, 0.2948



41.3769, 0.3594, 0.3465

Rectangle

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



41.3769, 0.3162, 0.3666



41.3769, 0.2807, 0.3371



41.3769, 0.3078, 0.2948



41.3769, 0.3453, 0.3201

Sweetspot

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



41.3787, 0.3162, 0.3666



79.0512, 0.3137, 0.3389



41.2104, 0.3354, 0.3565



17.4470, 0.3139, 0.3407



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.



41.3787, 0.3162, 0.3666



73.7458, 0.3170, 0.3770



41.0158, 0.3055, 0.3568



9.5820, 0.3150, 0.3523



23.1480, 0.3096, 0.5923



0.7550, 0.3300, 0.5762

Inverse Universe

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



34.4311, 0.3085, 0.2929



58.3654, 0.3073, 0.2834



34.8574, 0.3208, 0.3027



8.5455, 0.3102, 0.3063



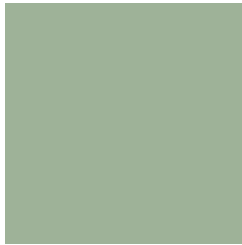
6.1188, 0.2637, 0.1226



0.2168, 0.2805, 0.1319

Previews

White Background



This preview shows how the Yxy color 41.3769, 0.3162, 0.3666 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 41.3769, 0.3162, 0.3666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

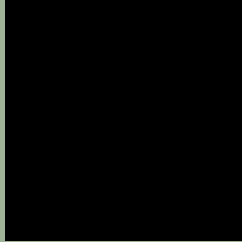
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

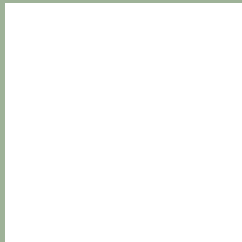
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.3769, 0.3162, 0.3666

Background



This preview shows how black text looks on a background with the Yxy color 41.3769, 0.3162, 0.3666.



This preview shows how white text looks on a background with the Yxy color 41.3769, 0.3162, 0.3666.

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

41.3769, 0.3162, 0.3666

Protanopia

41.3783, 0.3399, 0.3606

Deuteranopia

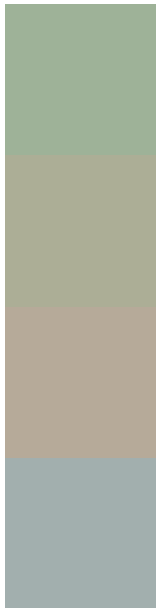
41.2076, 0.3513, 0.3448



Tritanopia

41.3675, 0.2938, 0.3098

Trichromacy



Original Color

41.3769, 0.3162, 0.3666

Protanomaly

41.2448, 0.3311, 0.3627

Deuteranomaly

40.9944, 0.3387, 0.3522

Tritanomaly

41.3973, 0.3022, 0.3304

Monochromacy



Original Color

41.3769, 0.3162, 0.3666

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.1487, 0.3139, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3769, 0.3162, 0.3666 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(158, 178, 152)` looks like.

```
.text, #text, p{  
    color:rgb(158, 178, 152)  
}
```

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(158, 178, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 178, 152) }
```

Border

The CSS property to change the border of an element to Yxy 41.3769, 0.3162, 0.3666 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(158, 178, 152) }
```

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

```
.border{ border-color:rgb(158, 178, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 178, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 178, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 178, 152);  
box-shadow:4px 4px 4px 4px rgb(158, 178,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3769, 0.3162, 0.3666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 178, 152) }
```

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

```
.background{ background-color: rgb(158,  
178, 152) }
```

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