

Converting Colors

$Yxy(41.3441, 0.3196, 0.3530)$

Have a look what the booklet for
Yxy(41.3441, 0.3196, 0.3530)
contains.

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Color

Yxy(41.3441, 0.3196, 0.3530)

Conversions

Conversions Part 1

Format	Color
Hex	A7AF9E
RGB	167, 175, 158
RGB Percent	65%, 69%, 62%
CMY	0.3452, 0.3137, 0.3805
CMYK	0.05, 0.00, 0.10, 0.31
HSL	88°, 10%, 65%
HSV	88°, 10%, 69%
XYZ	37.4322, 41.3441, 38.3458
YIQ	170.6700, 0.6890, -6.9830

Conversions

Conversions Part 2

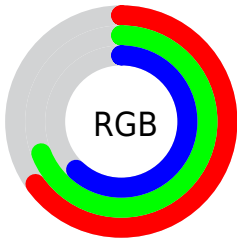
Format	Color
RYB	158, 175, 166
Decimal	10989470
CIELab	70.42, -5.99, 7.76
CIELCh	70, 9.797, 127.657
Yxy	41.3441, 0.3196, 0.3530
Android (android.graphics.Color)	4289179550 (0xFFA7AF9E)
YUV	170.6700, -6.2463, -3.2186
Hunter-Lab	64.2994, -8.6092, 9.6512

Details

The Yxy color **41.3441, 0.3196, 0.3530** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.6521, 0.3053, 0.3050**, and the grayscale version is **40.5806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4855, 0.3180, 0.3484**, and **18.8723, 0.3211, 0.3605** is the 20% darker color. If you saturate the color by 10%, you get **39.9145, 0.3266, 0.3796**, and if you desaturate by 10%, it is **42.9206, 0.3125, 0.3284**.

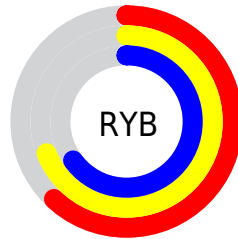
Distribution



Red (65%)

Green (69%)

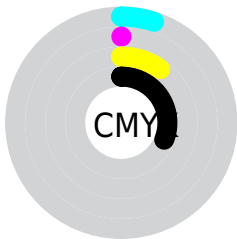
Blue (62%)



Red (62%)

Yellow (69%)

Blue (65%)

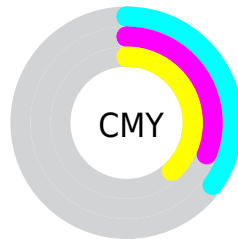


Cyan (5%)

Magenta (0%)

Yellow (10%)

Black (31%)



Cyan (35%)


Magenta (31%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3441, 0.3196, 0.3530 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 41.3441, 0.3196, 0.3530 by changing the saturation by 10% instead.

 41.3441, 0.3196,
0.3530


 41.3441, 0.3196,
0.3530


351.7567, 0.3162,
0.3406

 28.5881, 0.3205,
0.3562

 77.2060, 0.3184,
0.3484

 18.7694, 0.3216,
0.3604


 101.0806, 0.3179,
0.3467

 11.5038, 0.3230,
0.3662


129.4302, 0.3175,
0.3453

 6.4068, 0.3250,
0.3746

162.6392, 0.3171,
0.3441

 3.0940, 0.3280,
0.3878

201.0919, 0.3169,
0.3430

 1.1810, 0.3351,
0.4145

245.1728, 0.3166,

 0.0461, 0.0000,

0.3421

1.0000

295.2663, 0.3164,
0.3413

0.0000, 0.0000,
0.0000

41.3441, 0.3196,
0.3530

41.3441, 0.3196,
0.3530

39.9145, 0.3266,
0.3796

42.9206, 0.3125,
0.3284

38.6218, 0.3333,
0.4078

44.6430, 0.3056,
0.3059

37.4627, 0.3393,
0.4369

46.5174, 0.2989,
0.2855

36.4320, 0.3442,
0.4660

48.5478, 0.2926,
0.2672

35.5240, 0.3476,
0.4938

50.7381, 0.2867,
0.2509

■ 34.7323, 0.3491,
0.5189

■ 52.5666, 0.2865,
0.2435

■ 34.0500, 0.3484,
0.5400

■ 53.8609, 0.2928,
0.2450

■ 33.4690, 0.3454,
0.5560

■ 55.2194, 0.2992,
0.2466

■ 32.9739, 0.3409,
0.5673

■ 56.6430, 0.3056,
0.2481

Harmonies

Analogous

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



41.3441, 0.3323, 0.3534



41.3441, 0.3196, 0.3530



41.3441, 0.3052, 0.3458

Triad

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



41.3441, 0.3196, 0.3530



41.3441, 0.2862, 0.3104



41.3441, 0.3326, 0.3239

Complementary

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



41.3441, 0.3196, 0.3530



35.6521, 0.3053, 0.3050

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.



41.3441, 0.3198, 0.3131



41.3441, 0.3196, 0.3530



41.3441, 0.2932, 0.3052

Square

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



41.3441, 0.3196, 0.3530



41.3441, 0.2862, 0.3207



41.3441, 0.3054, 0.3063



41.3441, 0.3400, 0.3363

Rectangle

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



41.3441, 0.3196, 0.3530



41.3441, 0.2967, 0.3381



41.3441, 0.3054, 0.3063



41.3441, 0.3288, 0.3200

Sweetspot

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



41.3459, 0.3196, 0.3530



75.8908, 0.3149, 0.3363



38.8303, 0.3283, 0.3401



16.8169, 0.3154, 0.3383



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.



41.3459, 0.3196, 0.3530



73.3781, 0.3213, 0.3594



40.4581, 0.3121, 0.3535



9.1396, 0.3193, 0.3519



23.6375, 0.3416, 0.5670



0.6898, 0.3648, 0.5486

Inverse Universe

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



35.6521, 0.3053, 0.3050



60.8025, 0.3032, 0.2985



36.5928, 0.3133, 0.3055



7.9356, 0.3057, 0.3061



3.5567, 0.1986, 0.0868



0.1317, 0.2339, 0.1062

Previews

White Background



This preview shows how the Yxy color 41.3441, 0.3196, 0.3530 looks on a white background.

Color Contrast Check

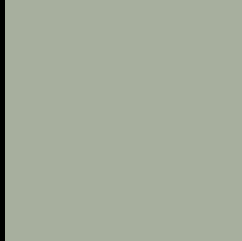
Large Text (above 18pt) WCAG AA × Fail

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 41.3441, 0.3196, 0.3530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

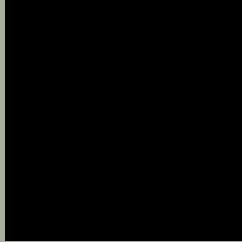
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

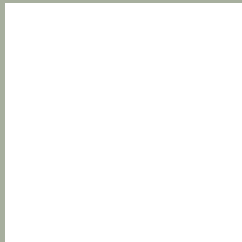
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.3441, 0.3196, 0.3530

Background



This preview shows how black text looks on a background with the Yxy color 41.3441, 0.3196, 0.3530.



This preview shows how white text looks on a background with the Yxy color 41.3441, 0.3196, 0.3530.

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

41.3441, 0.3196, 0.3530

Protanopia

41.1098, 0.3330, 0.3496

Deuteranopia

41.1480, 0.3437, 0.3370



Tritanopia

41.2865, 0.3013, 0.3101

Trichromacy



Original Color

41.3441, 0.3196, 0.3530

Protanomaly

41.0533, 0.3282, 0.3498

Deuteranomaly

41.0695, 0.3354, 0.3426

Tritanomaly

41.1462, 0.3085, 0.3249

Monochromacy



Original Color

41.3441, 0.3196, 0.3530

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.8043, 0.3159, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3441, 0.3196, 0.3530 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(167, 175, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 175, 158) }
```

Border

The CSS property to change the border of an element to Yxy 41.3441, 0.3196, 0.3530 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, 158) }
```

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

```
.border{ border-color:rgb(167, 175, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 175, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 175, 158);  
box-shadow:4px 4px 4px 4px rgb(167, 175,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3441, 0.3196, 0.3530 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, 158) }
```

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

```
.background{ background-color: rgb(167,  
175, 158) }
```

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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