

Converting Colors

$Yxy(41.6127, 0.3005, 0.3218)$

Have a look what the booklet for
Yxy(41.6127, 0.3005, 0.3218)
contains.

Yxy(41.5261, 0.3008, 0.3221)	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(41.5261, 0.3008, 0.3221)

Conversions

Conversions Part 1

Format	Color
Hex	A5AEB3
RGB	165, 174, 179
RGB Percent	65%, 68%, 70%
CMY	0.3532, 0.3176, 0.2981
CMYK	0.08, 0.03, 0.00, 0.30
HSL	201°, 8%, 67%
HSV	201°, 8%, 70%
XYZ	38.7800, 41.5261, 48.6169
YIQ	171.8790, -6.9690, -0.3530

Conversions

Conversions Part 2

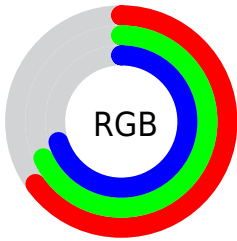
Format	Color
RYB	165, 170, 179
Decimal	10858163
CIELab	70.54, -2.18, -3.65
CIELCh	71, 4.255, 239.118
Yxy	41.5261, 0.3008, 0.3221
Android (android.graphics.Color)	4289048243 (0xFFA5AEB3)
YUV	171.8790, 3.5107, -6.0329
Hunter-Lab	64.4407, -5.3511, 0.3776

Details

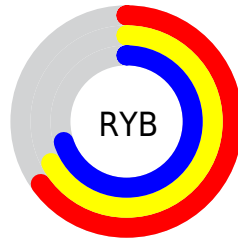
The Yxy color **41.5261, 0.3008, 0.3221** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.0158, 0.3253, 0.3358**, and the grayscale version is **41.1715, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.2524, 0.3029, 0.3226**, and **18.9361, 0.2975, 0.3213** is the 20% darker color. If you saturate the color by 10%, you get **37.3506, 0.2855, 0.3125**, and if you desaturate by 10%, it is **46.0892, 0.3159, 0.3308**.

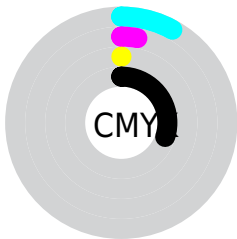
Distribution



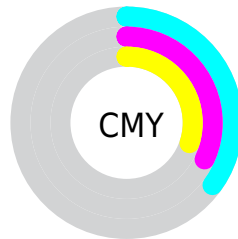
- Red (65%)
- Green (68%)
- Blue (70%)



- Red (65%)
- Yellow (67%)
- Blue (70%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (30%)





- Cyan (35%)
- Magenta (32%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.5261, 0.3008, 0.3221 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 41.5261, 0.3008, 0.3221 by changing the saturation by 10% instead.

 41.5261, 0.3008,
0.3221

 41.5261, 0.3008,
0.3221


352.5147, 0.3069,
0.3256

 28.7304, 0.2993,
0.3212


 77.4819, 0.3030,
0.3234

 18.8770, 0.2972,
0.3200


 101.4108, 0.3039,
0.3239

 11.5814, 0.2945,
0.3184


129.8195, 0.3046,
0.3243

 6.4593, 0.2907,
0.3160

163.0925, 0.3051,
0.3247

 3.1263, 0.2848,
0.3124

201.6141, 0.3057,
0.3250

 1.1980, 0.2745,
0.3060

245.7687, 0.3061,

 0.0601, 0.0099,

0.3252

0.1562

295.9408, 0.3065,
0.3254

0.0000, 0.0000,
0.0000

41.5261, 0.3008,
0.3221

41.5261, 0.3008,
0.3221

37.3506, 0.2855,
0.3125

46.0892, 0.3159,
0.3308

33.5448, 0.2702,
0.3019

51.0467, 0.3307,
0.3386

30.0969, 0.2553,
0.2905

56.4116, 0.3449,
0.3455

26.9925, 0.2411,
0.2783

62.1950, 0.3584,
0.3515

24.2161, 0.2279,
0.2654

68.4072, 0.3713,
0.3569

■ 21.7503, 0.2163,
0.2521

■ 71.6201, 0.3699,
0.3632

■ 19.5760, 0.2064,
0.2386

■ 74.8511, 0.3680,
0.3695

■ 17.6710, 0.1986,
0.2251

■ 78.2078, 0.3662,
0.3757

■ 16.0014, 0.1926,
0.2119

■ 81.6916, 0.3644,
0.3818

Harmonies

Analogous

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



41.5261, 0.3017, 0.3271



41.5261, 0.3008, 0.3221



41.5261, 0.3031, 0.3190

Triad

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



41.5261, 0.3008, 0.3221



41.5261, 0.3199, 0.3253



41.5261, 0.3175, 0.3397

Complementary

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



41.5261, 0.3008, 0.3221



41.0158, 0.3253, 0.3358

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.



41.5261, 0.3224, 0.3391



41.5261, 0.3008, 0.3221



41.5261, 0.3239, 0.3308

Square

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



41.5261, 0.3008, 0.3221



41.5261, 0.3141, 0.3209



41.5261, 0.3248, 0.3358



41.5261, 0.3113, 0.3373

Rectangle

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



41.5261, 0.3008, 0.3221



41.5261, 0.3061, 0.3184



41.5261, 0.3248, 0.3358



41.5261, 0.3194, 0.3398

Sweetspot

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



41.5279, 0.3008, 0.3221



79.0471, 0.3096, 0.3273



43.1289, 0.3079, 0.3417



17.5325, 0.3098, 0.3274



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.



41.5279, 0.3008, 0.3221



73.3678, 0.2988, 0.3209



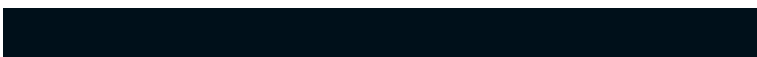
38.9029, 0.3008, 0.3123



9.1152, 0.2986, 0.3208



11.1938, 0.1918, 0.2106



0.4571, 0.2021, 0.2475

Inverse Universe

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



39.5290, 0.3179, 0.3167



69.2525, 0.3189, 0.3147



43.6980, 0.3244, 0.3451



8.5946, 0.3190, 0.3144



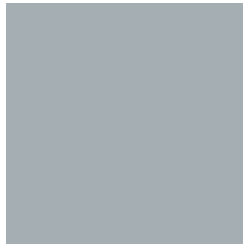
7.6701, 0.4334, 0.2161



0.2519, 0.3948, 0.1948

Previews

White Background



This preview shows how the Yxy color 41.5261, 0.3008, 0.3221 looks on a white background.

Color Contrast Check

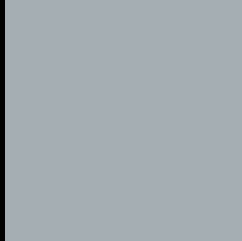
Large Text (above 18pt) WCAG AA × Fail

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 41.5261, 0.3008, 0.3221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

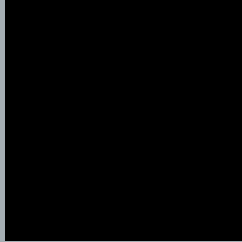
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

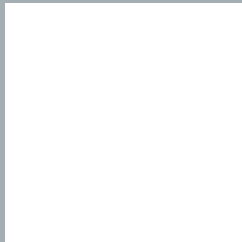
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.5261, 0.3008, 0.3221

Background



This preview shows how black text looks on a background with the Yxy color 41.5261, 0.3008, 0.3221.



This preview shows how white text looks on a background with the Yxy color 41.5261, 0.3008, 0.3221.

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

41.5261, 0.3008, 0.3221

Protanopia

41.2988, 0.3104, 0.3209

Deuteranopia

41.2470, 0.3181, 0.3119



Tritanopia

41.5820, 0.2954, 0.3099

Trichromacy



Original Color

41.5261, 0.3008, 0.3221

Protanomaly

41.3773, 0.3069, 0.3208

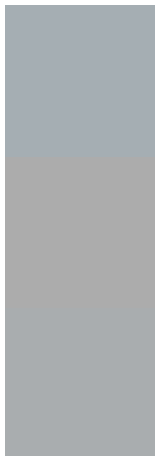
Deuteranomaly

41.5097, 0.3115, 0.3156

Tritanomaly

41.4548, 0.2978, 0.3139

Monochromacy



Original Color

41.5261, 0.3008, 0.3221

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.4173, 0.3075, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5261, 0.3008, 0.3221 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, 174, 179)` looks like.

```
.text, #text, p{  
    color:rgb(165, 174, 179)  
}
```

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, 174, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 174, 179) }
```

Border

The CSS property to change the border of an element to Yxy 41.5261, 0.3008, 0.3221 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, 174, 179) }
```

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

```
.border{ border-color:rgb(165, 174, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 174, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 174, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 174, 179);  
box-shadow:4px 4px 4px 4px rgb(165, 174,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5261, 0.3008, 0.3221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 174, 179) }
```

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

```
.background{ background-color: rgb(165,  
174, 179) }
```

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