

Converting Colors

$Y_{xy}(41.7701, 0.2997, 0.3207)$

Have a look what the booklet for
Yxy(41.7701, 0.2997, 0.3207)
contains.

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Color

Yxy(41.5667, 0.3001, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	A5AEB4
RGB	165, 174, 180
RGB Percent	65%, 68%, 71%
CMY	0.3528, 0.3177, 0.2941
CMYK	0.08, 0.03, 0.00, 0.29
HSL	204°, 9%, 68%
HSV	204°, 8%, 71%
XYZ	38.8967, 41.5667, 49.1490
YIQ	171.9930, -7.2900, -0.0420

Conversions

Conversions Part 2

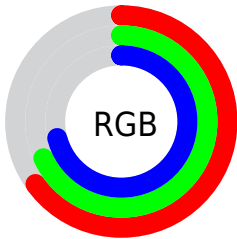
Format	Color
RYB	165, 171, 180
Decimal	10858164
CIELab	70.57, -1.93, -4.16
CIElCh	71, 4.587, 245.059
Yxy	41.5667, 0.3001, 0.3207
Android (android.graphics.Color)	4289048244 (0xFFA5AEB4)
YUV	171.9930, 3.9475, -6.1329
Hunter-Lab	64.4722, -5.1358, -0.0679

Details

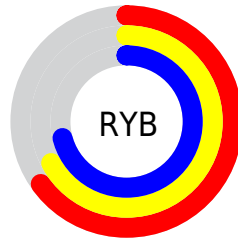
The Yxy color **41.5667, 0.3001, 0.3207** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.5615, 0.3260, 0.3372**, and the grayscale version is **41.2371, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.3104, 0.3023, 0.3215**, and **18.9621, 0.2964, 0.3194** is the 20% darker color. If you saturate the color by 10%, you get **37.0559, 0.2846, 0.3097**, and if you desaturate by 10%, it is **46.5027, 0.3152, 0.3306**.

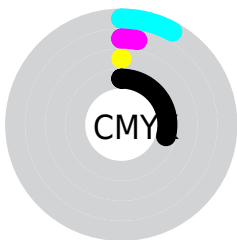
Distribution



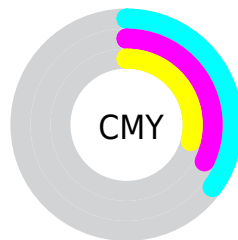
- Red (65%)
- Green (68%)
- Blue (71%)



- Red (65%)
- Yellow (67%)
- Blue (71%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (29%)




- Cyan (35%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5667, 0.3001, 0.3207 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 41.5667, 0.3001, 0.3207 by changing the saturation by 10% instead.


 41.5667, 0.3001,
0.3207

 41.5667, 0.3001,
0.3207


352.6836, 0.3065,
0.3250

 28.7622, 0.2985,
0.3196

 77.5434, 0.3025,
0.3223

 18.9010, 0.2963,
0.3182


 101.4844, 0.3033,
0.3229

 11.5987, 0.2935,
0.3162


129.9063, 0.3041,
0.3233

 6.4711, 0.2894,
0.3135

163.1935, 0.3047,
0.3238

 3.1336, 0.2831,
0.3091

201.7305, 0.3052,
0.3241

 1.2019, 0.2723,
0.3015

245.9015, 0.3057,

 0.0632, 0.0296,

0.3244

0.1451

296.0911, 0.3061,
0.3247

0.0000, 0.0000,
0.0000

41.5667, 0.3001,
0.3207

41.5667, 0.3001,
0.3207

37.0559, 0.2846,
0.3097

46.5027, 0.3152,
0.3306

32.9514, 0.2691,
0.2976

51.8716, 0.3299,
0.3394

29.2406, 0.2538,
0.2845

57.6874, 0.3439,
0.3473

25.9079, 0.2391,
0.2705

63.9618, 0.3572,
0.3542

22.9366, 0.2254,
0.2557

70.6990, 0.3697,
0.3603

■ 20.3085, 0.2131,
0.2405

■ 74.3482, 0.3676,
0.3675

■ 18.0030, 0.2026,
0.2250

■ 78.1605, 0.3655,
0.3745

■ 15.9965, 0.1942,
0.2097

■ 82.1378, 0.3635,
0.3815

■ 14.2515, 0.1878,
0.1947

■ 86.2821, 0.3615,
0.3883

Harmonies

Analogous

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



41.5667, 0.3004, 0.3258



41.5667, 0.3001, 0.3207



41.5667, 0.3032, 0.3179

Triad

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



41.5667, 0.3001, 0.3207



41.5667, 0.3216, 0.3262



41.5667, 0.3166, 0.3402

Complementary

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



41.5667, 0.3001, 0.3207



41.5615, 0.3260, 0.3372

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.



41.5667, 0.3223, 0.3402



41.5667, 0.3001, 0.3207



41.5667, 0.3252, 0.3320

Square

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



41.5667, 0.3001, 0.3207



41.5667, 0.3155, 0.3211



41.5667, 0.3255, 0.3372



41.5667, 0.3098, 0.3371

Rectangle

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



41.5667, 0.3001, 0.3207



41.5667, 0.3067, 0.3177



41.5667, 0.3255, 0.3372



41.5667, 0.3187, 0.3406

Sweetspot

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



41.5685, 0.3001, 0.3207



80.9008, 0.3097, 0.3270



43.5847, 0.3070, 0.3414



17.5068, 0.3098, 0.3271



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.



41.5685, 0.3001, 0.3207



73.7964, 0.2972, 0.3187



38.7663, 0.3001, 0.3103



9.0480, 0.2986, 0.3196



9.8873, 0.1872, 0.1940



0.4217, 0.1988, 0.2358

Inverse Universe

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



39.6831, 0.3189, 0.3170



69.6988, 0.3204, 0.3142



44.4600, 0.3250, 0.3471



8.5878, 0.3197, 0.3155



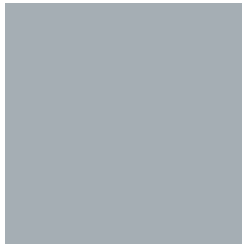
7.5383, 0.4522, 0.2265



0.2483, 0.4066, 0.2014

Previews

White Background



This preview shows how the Yxy color 41.5667, 0.3001, 0.3207 looks on a white background.

Color Contrast Check

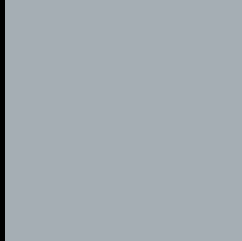
Large Text (above 18pt) WCAG AA × Fail

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 41.5667, 0.3001, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

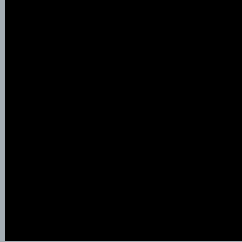
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

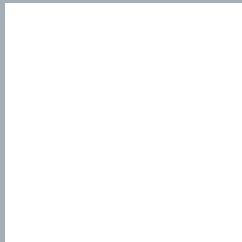
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.5667, 0.3001, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 41.5667, 0.3001, 0.3207.



This preview shows how white text looks on a background with the Yxy color 41.5667, 0.3001, 0.3207.

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

41.5667, 0.3001, 0.3207

Protanopia

41.3792, 0.3088, 0.3182

Deuteranopia

41.2879, 0.3172, 0.3106



Tritanopia

41.5820, 0.2954, 0.3099

Trichromacy



Original Color

41.5667, 0.3001, 0.3207

Protanomaly

41.4176, 0.3061, 0.3195

Deuteranomaly

41.5506, 0.3107, 0.3143

Tritanomaly

41.4548, 0.2978, 0.3139

Monochromacy



Original Color

41.5667, 0.3001, 0.3207

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 41.5667, 0.3001, 0.3207 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(165, 174, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 174, 180) }
```

Border

The CSS property to change the border of an element to Yxy 41.5667, 0.3001, 0.3207 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, 180) }
```

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

```
.border{ border-color:rgb(165, 174, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 174, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 174, 180);  
box-shadow:4px 4px 4px 4px rgb(165, 174,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5667, 0.3001, 0.3207 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, 180) }
```

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

```
.background{ background-color: rgb(165,  
174, 180) }
```

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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