

Converting Colors

$Yxy(40.9692, 0.3068, 0.3382)$

Have a look what the booklet for
Yxy(40.9692, 0.3068, 0.3382)
contains.

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Color

Yxy(41.1685, 0.3070, 0.3389)

Conversions

Conversions Part 1

Format	Color
Hex	A2AFA8
RGB	162, 175, 168
RGB Percent	64%, 69%, 66%
CMY	0.3648, 0.3137, 0.3413
CMYK	0.07, 0.00, 0.04, 0.31
HSL	148°, 8%, 66%
HSV	148°, 7%, 69%
XYZ	37.2934, 41.1685, 43.0149
YIQ	170.3150, -5.5010, -4.9330

Conversions

Conversions Part 2

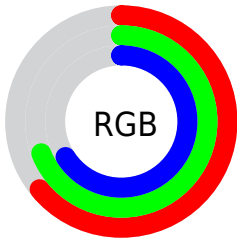
Format	Color
RYB	162, 171, 175
Decimal	10661800
CIELab	70.29, -5.91, 2.03
CIElCh	70, 6.250, 161.040
Yxy	41.1685, 0.3070, 0.3389
Android (android.graphics.Color)	4288851880 (0xFFA2AFA8)
YUV	170.3150, -1.1413, -7.2923
Hunter-Lab	64.1627, -8.5348, 5.1656

Details

The Yxy color **41.1685, 0.3070, 0.3389** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.8146, 0.3189, 0.3193**, and the grayscale version is **40.3704, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.2313, 0.3082, 0.3376**, and **18.7419, 0.3048, 0.3428** is the 20% darker color. If you saturate the color by 10%, you get **39.1240, 0.2995, 0.3536**, and if you desaturate by 10%, it is **43.4971, 0.3147, 0.3258**.

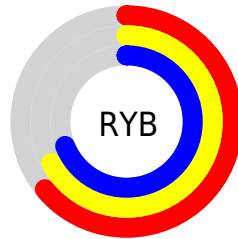
Distribution



Red (64%)

Green (69%)

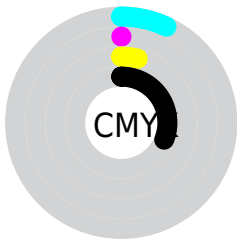
Blue (66%)



Red (64%)

Yellow (67%)

Blue (69%)

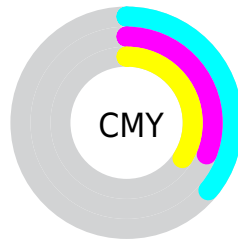


Cyan (7%)

Magenta (0%)

Yellow (4%)

Black (31%)



Cyan (36%)

Magenta (31%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1685, 0.3070, 0.3389 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 41.1685, 0.3070, 0.3389 by changing the saturation by 10% instead.

■ 41.1685, 0.3070,
0.3389

■ 41.1685, 0.3070,
0.3389

351.0244, 0.3099,
0.3338

■ 28.4508, 0.3062,
0.3402

■ 76.9396, 0.3081,
0.3370

■ 18.6657, 0.3052,
0.3419

■ 100.7618, 0.3085,
0.3363

■ 11.4290, 0.3039,
0.3443

129.0542, 0.3088,
0.3357

■ 6.3562, 0.3019,
0.3477

162.2014, 0.3091,
0.3352

■ 3.0628, 0.2989,
0.3530

200.5875, 0.3094,
0.3348

■ 1.1646, 0.2934,
0.3625

244.5972, 0.3096,

■ 0.0325, 0.0000,

0.3344

1.0000

294.6146, 0.3098,
0.3341

0.0000, 0.0000,
0.0000

41.1685, 0.3070,
0.3389

41.1685, 0.3070,
0.3389

39.1240, 0.2995,
0.3536

43.4971, 0.3147,
0.3258

37.3475, 0.2923,
0.3698

46.1150, 0.3223,
0.3142

35.8288, 0.2857,
0.3876

49.0338, 0.3298,
0.3040

34.5554, 0.2800,
0.4068

52.2629, 0.3371,
0.2950

33.5134, 0.2756,
0.4271

55.8113, 0.3440,
0.2872

■ 32.6877, 0.2727,
0.4479

■ 57.3424, 0.3407,
0.2786

■ 32.0614, 0.2717,
0.4689

■ 57.8714, 0.3328,
0.2696

■ 31.6144, 0.2726,
0.4893

■ 58.4294, 0.3252,
0.2609

■ 31.3171, 0.2752,
0.5085

■ 59.0167, 0.3179,
0.2525

Harmonies

Analogous

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



41.1685, 0.3162, 0.3439



41.1685, 0.3070, 0.3389



41.1685, 0.2995, 0.3312

Triad

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



41.1685, 0.3070, 0.3389



41.1685, 0.3010, 0.3136



41.1685, 0.3303, 0.3346

Complementary

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



41.1685, 0.3070, 0.3389



37.8146, 0.3189, 0.3193

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.



41.1685, 0.3261, 0.3267



41.1685, 0.3070, 0.3389



41.1685, 0.3091, 0.3147

Square

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



41.1685, 0.3070, 0.3389



41.1685, 0.2960, 0.3166



41.1685, 0.3183, 0.3194



41.1685, 0.3297, 0.3413

Rectangle

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



41.1685, 0.3070, 0.3389



41.1685, 0.2963, 0.3256



41.1685, 0.3183, 0.3194



41.1685, 0.3294, 0.3320

Sweetspot

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



41.1703, 0.3070, 0.3389



75.9144, 0.3112, 0.3316



41.7239, 0.3182, 0.3472



16.8830, 0.3112, 0.3315



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.



41.1703, 0.3070, 0.3389



73.0618, 0.3057, 0.3413



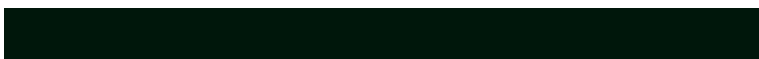
41.4140, 0.3019, 0.3299



8.9984, 0.3056, 0.3415



22.3892, 0.2753, 0.5111



0.6340, 0.2588, 0.4516

Inverse Universe

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



37.8146, 0.3189, 0.3193



65.7568, 0.3204, 0.3170



37.5806, 0.3246, 0.3281



8.0849, 0.3205, 0.3168



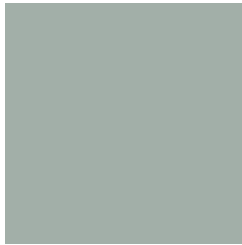
7.1241, 0.4760, 0.2396



0.2091, 0.4174, 0.2073

Previews

White Background



This preview shows how the Yxy color 41.1685, 0.3070, 0.3389 looks on a white background.

Color Contrast Check

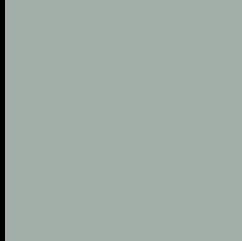
Large Text (above 18pt) WCAG AA × Fail

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 41.1685, 0.3070, 0.3389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

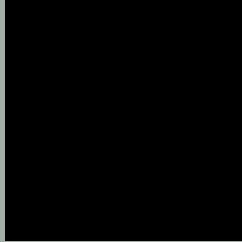
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

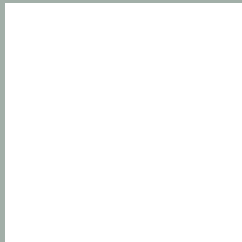
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.1685, 0.3070, 0.3389

Background



This preview shows how black text looks on a background with the Yxy color 41.1685, 0.3070, 0.3389.



This preview shows how white text looks on a background with the Yxy color 41.1685, 0.3070, 0.3389.

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

41.1685, 0.3070, 0.3389

Protanopia

41.1091, 0.3215, 0.3359

Deuteranopia

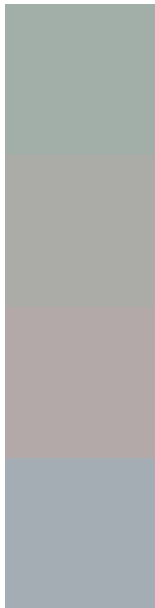
40.9935, 0.3308, 0.3238



Tritanopia

41.0496, 0.2953, 0.3098

Trichromacy



Original Color

41.1685, 0.3070, 0.3389

Protanomaly

40.9530, 0.3160, 0.3359

Deuteranomaly

40.8242, 0.3219, 0.3290

Tritanomaly

41.0343, 0.3000, 0.3207

Monochromacy



Original Color

41.1685, 0.3070, 0.3389

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.5851, 0.3107, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1685, 0.3070, 0.3389 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, 175, 168)` looks like.

```
.text, #text, p{  
    color:rgb(162, 175, 168)  
}
```

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, 175, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 175, 168) }
```

Border

The CSS property to change the border of an element to Yxy 41.1685, 0.3070, 0.3389 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, 175, 168) }
```

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

```
.border{ border-color:rgb(162, 175, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 175, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 175, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 175, 168);  
box-shadow:4px 4px 4px 4px rgb(162, 175,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1685, 0.3070, 0.3389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 175, 168) }
```

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

```
.background{ background-color: rgb(162,  
175, 168) }
```

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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