

Converting Colors

$Yxy(42.0667, 0.3070, 0.3195)$

Have a look what the booklet for
Yxy(42.0667, 0.3070, 0.3195)
contains.

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Color

Yxy(42.0667, 0.3070, 0.3195)

Conversions

Conversions Part 1

Format	Color
Hex	ADADB4
RGB	173, 173, 180
RGB Percent	68%, 68%, 71%
CMY	0.3215, 0.3216, 0.2941
CMYK	0.04, 0.04, 0.00, 0.29
HSL	240°, 4%, 69%
HSV	240°, 4%, 71%
XYZ	40.4209, 42.0667, 49.1766
YIQ	173.7980, -2.2470, 2.1770

Conversions

Conversions Part 2

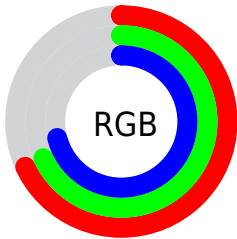
Format	Color
RYB	173, 173, 180
Decimal	11382196
CIELab	70.92, 1.36, -3.59
CIELCh	71, 3.841, 290.771
Yxy	42.0667, 0.3070, 0.3195
Android (android.graphics.Color)	4289572276 (0xFFADADB4)
YUV	173.7980, 3.0576, -0.6998
Hunter-Lab	64.8588, -2.2594, 0.4470

Details

The Yxy color **42.0667, 0.3070, 0.3195** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.3665, 0.3183, 0.3383**, and the grayscale version is **42.2064, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.0369, 0.3077, 0.3206**, and **19.2720, 0.3059, 0.3178** is the 20% darker color. If you saturate the color by 10%, you get **33.7160, 0.2909, 0.2928**, and if you desaturate by 10%, it is **51.6250, 0.3211, 0.3429**.

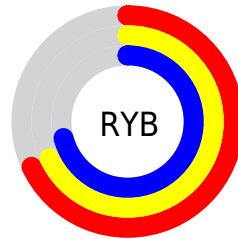
Distribution



Red (68%)

Green (68%)

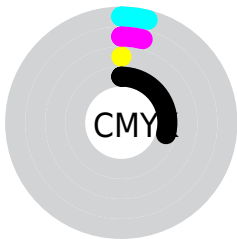
Blue (71%)



Red (68%)

Yellow (68%)

Blue (71%)

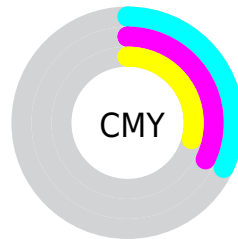


Cyan (4%)

Magenta (4%)

Yellow (0%)

Black (29%)



Cyan (32%)

Magenta (32%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.0667, 0.3070, 0.3195 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 42.0667, 0.3070, 0.3195 by changing the saturation by 10% instead.

■ 42.0667, 0.3070,
0.3195

■ 42.0667, 0.3070,
0.3195

354.7594, 0.3099,
0.3243

■ 29.1535, 0.3063,
0.3183

■ 78.3006, 0.3081,
0.3213

■ 19.1970, 0.3053,
0.3167

102.3900, 0.3085,
0.3219

■ 11.8127, 0.3040,
0.3145

130.9737, 0.3088,
0.3225

■ 6.6163, 0.3021,
0.3115

164.4360, 0.3091,
0.3230

■ 3.2233, 0.2992,
0.3069

203.1614, 0.3093,
0.3234

■ 1.2494, 0.2942,
0.2989

247.5341, 0.3096,

■ 0.1015, 0.2188,

0.3237

0.1712

297.9386, 0.3097,
0.3240

0.0000, 0.0000,
0.0000

42.0667, 0.3070,
0.3195

42.0667, 0.3070,
0.3195

33.7160, 0.2909,
0.2928

51.6250, 0.3211,
0.3429

26.5198, 0.2729,
0.2628

62.4307, 0.3332,
0.3631

20.4290, 0.2530,
0.2299

74.5282, 0.3437,
0.3805

15.3888, 0.2320,
0.1951

87.9584, 0.3527,
0.3954

11.3399, 0.2108,
0.1600

96.0759, 0.3573,
0.4027

■ 8.2169, 0.1908,
0.1270

■ 5.9468, 0.1737,
0.0988

■ 4.4453, 0.1609,
0.0777

■ 3.6114, 0.1531,
0.0650

Harmonies

Analogous

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



42.0667, 0.3032, 0.3206



42.0667, 0.3070, 0.3195



42.0667, 0.3124, 0.3209

Triad

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



42.0667, 0.3070, 0.3195



42.0667, 0.3236, 0.3340



42.0667, 0.3076, 0.3336

Complementary

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



42.0667, 0.3070, 0.3195



45.3665, 0.3183, 0.3383

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.



42.0667, 0.3130, 0.3373



42.0667, 0.3070, 0.3195



42.0667, 0.3223, 0.3374

Square

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



42.0667, 0.3070, 0.3195



42.0667, 0.3220, 0.3292



42.0667, 0.3184, 0.3387



42.0667, 0.3035, 0.3287

Rectangle

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



42.0667, 0.3070, 0.3195



42.0667, 0.3161, 0.3231



42.0667, 0.3184, 0.3387



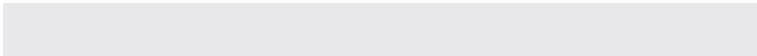
42.0667, 0.3093, 0.3351

Sweetspot

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



42.0685, 0.3070, 0.3195



81.0316, 0.3113, 0.3266



44.8280, 0.3067, 0.3290



17.5336, 0.3113, 0.3267



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.



42.0685, 0.3070, 0.3195



74.3571, 0.3052, 0.3165



42.4701, 0.3101, 0.3196



8.9310, 0.3044, 0.3152



2.3046, 0.1502, 0.0601



0.0731, 0.1510, 0.0605

Inverse Universe

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



42.8848, 0.3132, 0.3197



76.2719, 0.3133, 0.3169



44.9545, 0.3153, 0.3384



9.1856, 0.3134, 0.3157



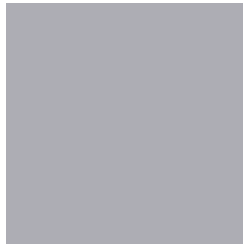
9.0483, 0.3221, 0.1548



0.2849, 0.3217, 0.1546

Previews

White Background



This preview shows how the Yxy color 42.0667, 0.3070, 0.3195 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 42.0667, 0.3070, 0.3195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

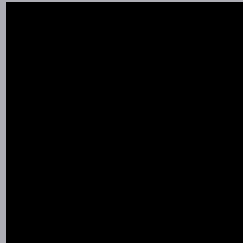
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.0667, 0.3070, 0.3195

Background



This preview shows how black text looks on a background with the Yxy color 42.0667, 0.3070, 0.3195.



This preview shows how white text looks on a background with the Yxy color 42.0667, 0.3070, 0.3195.

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

42.0667, 0.3070, 0.3195

Protanopia

41.9143, 0.3088, 0.3182

Deuteranopia

41.9063, 0.3190, 0.3121



Tritanopia

42.0489, 0.3030, 0.3103

Trichromacy



Original Color

42.0667, 0.3070, 0.3195

Protanomaly

41.7990, 0.3079, 0.3182

Deuteranomaly

42.0307, 0.3143, 0.3145

Tritanomaly

41.9644, 0.3047, 0.3129

Monochromacy



Original Color

42.0667, 0.3070, 0.3195

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.4054, 0.3111, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0667, 0.3070, 0.3195 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(173, 173, 180)` looks like.

```
.text, #text, p{  
    color:rgb(173, 173, 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(173, 173, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 173, 180) }
```

Border

The CSS property to change the border of an element to Yxy 42.0667, 0.3070, 0.3195 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(173, 173, 180) }
```

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

```
.border{ border-color:rgb(173, 173, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 173, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 173, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 173, 180);  
box-shadow:4px 4px 4px 4px rgb(173, 173,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0667, 0.3070, 0.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 173, 180) }
```

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

```
.background{ background-color: rgb(173,  
173, 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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