

Converting Colors

$Y_{xy}(40.3372, 0.3016, 0.3192)$

Have a look what the booklet for
Yxy(40.3372, 0.3016, 0.3192)
contains.

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Color

Yxy(40.3395, 0.3017, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	A5ABB2
RGB	165, 171, 178
RGB Percent	65%, 67%, 70%
CMY	0.3529, 0.3294, 0.3021
CMYK	0.07, 0.04, 0.00, 0.30
HSL	212°, 8%, 67%
HSV	212°, 7%, 70%
XYZ	38.1160, 40.3395, 47.8818
YIQ	170.0040, -5.8230, 0.9050

Conversions

Conversions Part 2

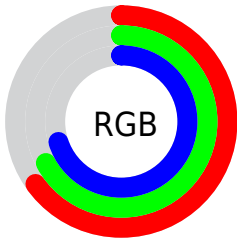
Format	Color
R _Y B	165, 169, 178
Decimal	10857394
CIE Lab	69.71, -0.73, -4.31
CIE LCh	70, 4.373, 260.448
Yxy	40.3395, 0.3017, 0.3193
Android (android.graphics.Color)	4289047474 (0xFFA5ABB2)
YUV	170.0040, 3.9420, -4.3885
Hunter-Lab	63.5134, -4.0261, -0.2385

Details

The Yxy color **40.3395, 0.3017, 0.3193** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.6791, 0.3240, 0.3385**, and the grayscale version is **40.1840, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5489, 0.3035, 0.3204**, and **18.1850, 0.2986, 0.3173** is the 20% darker color. If you saturate the color by 10%, you get **35.0761, 0.2860, 0.3046**, and if you desaturate by 10%, it is **46.1340, 0.3167, 0.3324**.

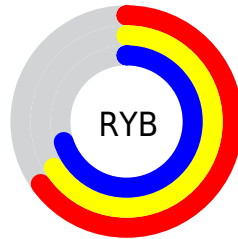
Distribution



Red (65%)

Green (67%)

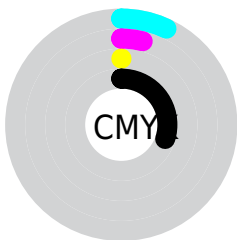
Blue (70%)



Red (65%)

Yellow (66%)

Blue (70%)

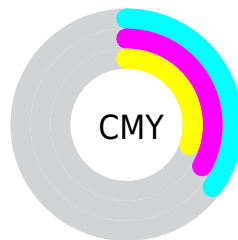


Cyan (7%)

Magenta (4%)

Yellow (0%)

Black (30%)



Cyan (35%)


Magenta (33%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.3395, 0.3017, 0.3193 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 40.3395, 0.3017, 0.3193 by changing the saturation by 10% instead.


 40.3395, 0.3017,
0.3193


 40.3395, 0.3017,
0.3193

347.5524, 0.3073,
0.3243

 27.8033, 0.3003,
0.3180


 75.6802, 0.3038,
0.3211

 18.1775, 0.2984,
0.3163


 99.2536, 0.3045,
0.3218

 11.0775, 0.2958,
0.3141


127.2748, 0.3052,
0.3224

 6.1190, 0.2921,
0.3108

160.1282, 0.3058,
0.3229

 2.9176, 0.2865,
0.3057

198.1983, 0.3062,
0.3233

 1.0888, 0.2765,
0.2967

241.8695, 0.3066,

 0.0000, 0.0000,

0.3237

0.0000

291.5260, 0.3070,
0.3240

■ 40.3395, 0.3017,
0.3193

■ 40.3395, 0.3017,
0.3193

■ 35.0761, 0.2860,
0.3046

■ 46.1340, 0.3167,
0.3324

■ 30.3222, 0.2697,
0.2884

■ 52.4700, 0.3309,
0.3441

■ 26.0622, 0.2532,
0.2707

■ 59.3642, 0.3441,
0.3543

■ 22.2777, 0.2369,
0.2516

■ 66.8308, 0.3565,
0.3633

■ 18.9487, 0.2213,
0.2314

■ 74.8837, 0.3678,
0.3712

■ 16.0538, 0.2068,
0.2107

■ 80.2091, 0.3658,
0.3804

■ 13.5694, 0.1942,
0.1900

■ 85.6380, 0.3631,
0.3894

■ 11.4685, 0.1838,
0.1698

■ 91.3635, 0.3605,
0.3982

■ 9.7145, 0.1758,
0.1508

■ 95.9933, 0.3585,
0.4047

Harmonies

Analogous

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



40.3395, 0.3003, 0.3232



40.3395, 0.3017, 0.3193



40.3395, 0.3061, 0.3180

Triad

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



40.3395, 0.3017, 0.3193



40.3395, 0.3234, 0.3292



40.3395, 0.3131, 0.3386

Complementary

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



40.3395, 0.3017, 0.3193



41.6791, 0.3240, 0.3385

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.



40.3395, 0.3194, 0.3402



40.3395, 0.3017, 0.3193



40.3395, 0.3253, 0.3347

Square

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



40.3395, 0.3017, 0.3193



40.3395, 0.3186, 0.3237



40.3395, 0.3238, 0.3387



40.3395, 0.3068, 0.3344

Rectangle

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



40.3395, 0.3017, 0.3193



40.3395, 0.3101, 0.3188



40.3395, 0.3238, 0.3387



40.3395, 0.3153, 0.3395

Sweetspot

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



40.3412, 0.3017, 0.3193



78.5717, 0.3097, 0.3264



42.8068, 0.3064, 0.3374



17.4327, 0.3098, 0.3265



91.1408, 0.3127, 0.3290



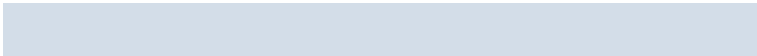
17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.3412, 0.3017, 0.3193



71.3172, 0.2988, 0.3167



38.1772, 0.3021, 0.3109



8.8556, 0.2985, 0.3164



6.7666, 0.1744, 0.1478



0.3300, 0.1894, 0.2018

Inverse Universe

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



39.3185, 0.3196, 0.3209



69.0455, 0.3215, 0.3187



43.9579, 0.3229, 0.3465



8.5684, 0.3217, 0.3185



7.2232, 0.5087, 0.2576



0.2391, 0.4432, 0.2215

Previews

White Background



This preview shows how the Yxy color 40.3395, 0.3017, 0.3193 looks on a white background.

Color Contrast Check

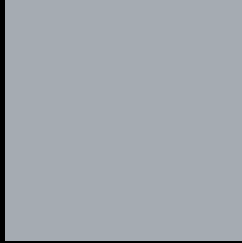
Large Text (above 18pt) WCAG AA × Fail

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 40.3395, 0.3017, 0.3193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

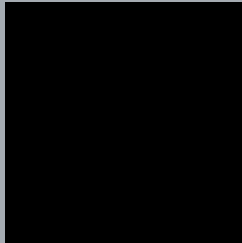
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

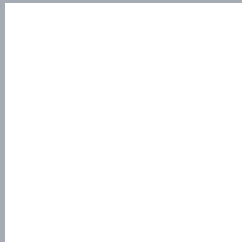
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.3395, 0.3017, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 40.3395, 0.3017, 0.3193.



This preview shows how white text looks on a background with the Yxy color 40.3395, 0.3017, 0.3193.

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

40.3395, 0.3017, 0.3193

Protanopia

40.2082, 0.3078, 0.3180

Deuteranopia

40.2322, 0.3173, 0.3104



Tritanopia

40.3171, 0.2977, 0.3098

Trichromacy



Original Color

40.3395, 0.3017, 0.3193

Protanomaly

40.3588, 0.3060, 0.3193

Deuteranomaly

40.1222, 0.3107, 0.3128

Tritanomaly

40.2338, 0.2993, 0.3125

Monochromacy



Original Color

40.3395, 0.3017, 0.3193

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.0914, 0.3084, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.3395, 0.3017, 0.3193 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, 171, 178)` looks like.

```
.text, #text, p{  
    color:rgb(165, 171, 178)  
}
```

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, 171, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 171, 178) }
```

Border

The CSS property to change the border of an element to Yxy 40.3395, 0.3017, 0.3193 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, 171, 178) }
```

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

```
.border{ border-color:rgb(165, 171, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 171, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 171, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 171, 178);  
box-shadow:4px 4px 4px 4px rgb(165, 171,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 40.3395, 0.3017, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 171, 178) }
```

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

```
.background{ background-color: rgb(165,  
171, 178) }
```

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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