

Converting Colors

$Yxy(40.9675, 0.3041, 0.3141)$

Have a look what the booklet for
Yxy(40.9675, 0.3041, 0.3141)
contains.

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Color

Yxy(41.1199, 0.3045, 0.3154)

Conversions

Conversions Part 1

Format	Color
Hex	ABABB5
RGB	171, 171, 181
RGB Percent	67%, 67%, 71%
CMY	0.3294, 0.3294, 0.2902
CMYK	0.06, 0.06, 0.00, 0.29
HSL	240°, 6%, 69%
HSV	240°, 6%, 71%
XYZ	39.6988, 41.1199, 49.5551
YIQ	172.1400, -3.2100, 3.1100

Conversions

Conversions Part 2

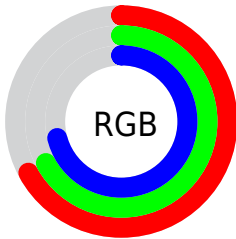
Format	Color
RYB	171, 171, 181
Decimal	11250613
CIELab	70.26, 1.94, -5.12
CIELCh	70, 5.473, 290.781
Yxy	41.1199, 0.3045, 0.3154
Android (android.graphics.Color)	4289440693 (0xFFABABB5)
YUV	172.1400, 4.3680, -0.9998
Hunter-Lab	64.1248, -1.7114, -0.9314

Details

The Yxy color **41.1199, 0.3045, 0.3154** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.8058, 0.3207, 0.3422**, and the grayscale version is **41.3095, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.6759, 0.3057, 0.3174**, and **18.6741, 0.3024, 0.3120** is the 20% darker color. If you saturate the color by 10%, you get **32.8521, 0.2880, 0.2881**, and if you desaturate by 10%, it is **50.6052, 0.3189, 0.3393**.

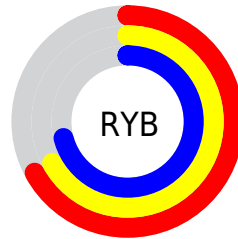
Distribution



Red (67%)

Green (67%)

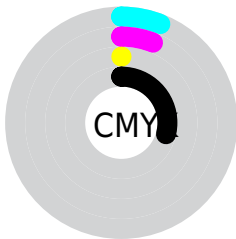
Blue (71%)



Red (67%)

Yellow (67%)

Blue (71%)

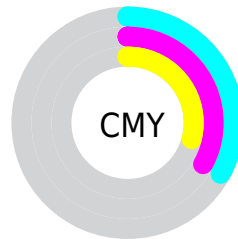


Cyan (6%)

Magenta (6%)

Yellow (0%)

Black (29%)



Cyan (33%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1199, 0.3045, 0.3154 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 41.1199, 0.3045, 0.3154 by changing the saturation by 10% instead.

■ 41.1199, 0.3045,
0.3154

■ 41.1199, 0.3045,
0.3154

350.8215, 0.3087,
0.3223

■ 28.4128, 0.3034,
0.3136

■ 76.8659, 0.3061,
0.3179

■ 18.6371, 0.3020,
0.3114

100.6735, 0.3066,
0.3189

■ 11.4083, 0.3001,
0.3083

128.9501, 0.3071,
0.3197

■ 6.3422, 0.2974,
0.3039

162.0801, 0.3075,
0.3204

■ 3.0542, 0.2931,
0.2972

200.4478, 0.3079,
0.3209

■ 1.1601, 0.2857,
0.2856

244.4377, 0.3082,

■ 0.0288, 0.1517,

0.3215

0.0584

294.4341, 0.3085,
0.3219

0.0000, 0.0000,
0.0000

41.1199, 0.3045,
0.3154

41.1199, 0.3045,
0.3154

32.8521, 0.2880,
0.2881

50.6052, 0.3189,
0.3393

25.7475, 0.2696,
0.2576

61.3490, 0.3315,
0.3600

19.7556, 0.2494,
0.2243

73.3967, 0.3422,
0.3779

14.8201, 0.2282,
0.1892

86.7901, 0.3515,
0.3932

10.8796, 0.2071,
0.1543

96.1158, 0.3567,
0.4018

■ 7.8668, 0.1875,
0.1218

■ 5.7056, 0.1710,
0.0946

■ 4.3084, 0.1591,
0.0749

■ 3.5653, 0.1522,
0.0636

Harmonies

Analogous

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



41.1199, 0.2991, 0.3169



41.1199, 0.3045, 0.3154



41.1199, 0.3122, 0.3175

Triad

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



41.1199, 0.3045, 0.3154



41.1199, 0.3284, 0.3361



41.1199, 0.3053, 0.3356

Complementary

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



41.1199, 0.3045, 0.3154



45.8058, 0.3207, 0.3422

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.



41.1199, 0.3131, 0.3410



41.1199, 0.3045, 0.3154



41.1199, 0.3265, 0.3411

Square

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



41.1199, 0.3045, 0.3154



41.1199, 0.3261, 0.3293



41.1199, 0.3209, 0.3429



41.1199, 0.2995, 0.3285

Rectangle

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



41.1199, 0.3045, 0.3154



41.1199, 0.3176, 0.3206



41.1199, 0.3209, 0.3429



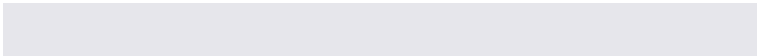
41.1199, 0.3078, 0.3377

Sweetspot

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



41.1216, 0.3045, 0.3154



79.3260, 0.3098, 0.3241



45.0380, 0.3043, 0.3290



17.1843, 0.3099, 0.3244



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.



41.1216, 0.3045, 0.3154



71.1457, 0.3020, 0.3113



41.6921, 0.3089, 0.3156



8.5758, 0.3015, 0.3104



2.3009, 0.1501, 0.0600



0.0725, 0.1502, 0.0601

Inverse Universe

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



42.2846, 0.3133, 0.3158



73.8034, 0.3135, 0.3119



45.2141, 0.3164, 0.3424



8.9128, 0.3136, 0.3111



9.0672, 0.3212, 0.1543



0.2853, 0.3211, 0.1542

Previews

White Background



This preview shows how the Yxy color 41.1199, 0.3045, 0.3154 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 41.1199, 0.3045, 0.3154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

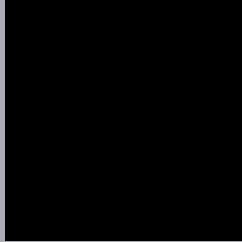
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

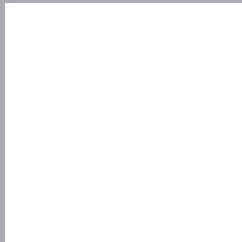
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.1199, 0.3045, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 41.1199, 0.3045, 0.3154.

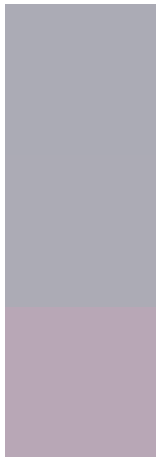


This preview shows how white text looks on a background with the Yxy color 41.1199, 0.3045, 0.3154.

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

41.1199, 0.3045, 0.3154

Protanopia

41.2327, 0.3054, 0.3154

Deuteranopia

41.2052, 0.3155, 0.3093



Tritanopia

41.2444, 0.3021, 0.3114

Trichromacy



Original Color

41.1199, 0.3045, 0.3154

Protanomaly

41.2327, 0.3054, 0.3154

Deuteranomaly

40.9664, 0.3109, 0.3103

Tritanomaly

41.2026, 0.3029, 0.3127

Monochromacy



Original Color

41.1199, 0.3045, 0.3154

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.3708, 0.3102, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1199, 0.3045, 0.3154 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(171, 171, 181)` looks like.

```
.text, #text, p{  
    color:rgb(171, 171, 181)  
}
```

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(171, 171, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 171, 181) }
```

Border

The CSS property to change the border of an element to Yxy 41.1199, 0.3045, 0.3154 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(171, 171, 181) }
```

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

```
.border{ border-color:rgb(171, 171, 181) }
```

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

Here you see how a box with a 4 pixel rgb(171, 171, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 171, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 171, 181);  
box-shadow:4px 4px 4px 4px rgb(171, 171,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1199, 0.3045, 0.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 171, 181) }
```

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

```
.background{ background-color: rgb(171,  
171, 181) }
```

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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