

Converting Colors

$Yxy(42.8758, 0.3030, 0.3121)$

Have a look what the booklet for
Yxy(42.8758, 0.3030, 0.3121)
contains.

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Color

Yxy(42.9739, 0.3031, 0.3117)

Conversions

Conversions Part 1

Format	Color
Hex	AFAEBB
RGB	175, 174, 187
RGB Percent	69%, 68%, 73%
CMY	0.3136, 0.3177, 0.2667
CMYK	0.06, 0.07, 0.00, 0.27
HSL	245°, 9%, 71%
HSV	245°, 7%, 73%
XYZ	41.7882, 42.9739, 53.1073
YIQ	175.7810, -3.5770, 4.2550

Conversions

Conversions Part 2

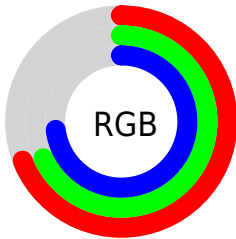
Format	Color
RYB	175, 174, 187
Decimal	11513531
CIELab	71.54, 2.88, -6.51
CIELCh	72, 7.116, 293.884
Yxy	42.9739, 0.3031, 0.3117
Android (android.graphics.Color)	4289703611 (0xFFAFAEBB)
YUV	175.7810, 5.5310, -0.6849
Hunter-Lab	65.5545, -0.9341, -2.1442

Details

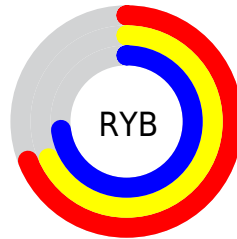
The Yxy color $42.9739, 0.3031, 0.3117$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $49.0348, 0.3220, 0.3458$, and the grayscale version is $43.2704, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.4986, 0.3053, 0.3146$, and $19.8513, 0.3006, 0.3071$ is the 20% darker color. If you saturate the color by 10%, you get $34.3778, 0.2876, 0.2841$, and if you desaturate by 10%, it is $52.8340, 0.3166, 0.3361$.

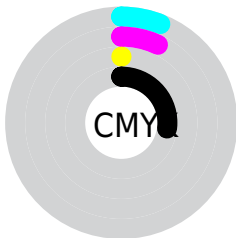
Distribution



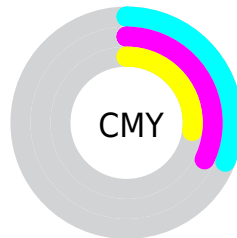
- Red (69%)
- Green (68%)
- Blue (73%)



- Red (69%)
- Yellow (68%)
- Blue (73%)



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (27%)



- Cyan (31%)
- Magenta (32%)
- Yellow (27%)
- Black (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.9739, 0.3031, 0.3117 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 42.9739, 0.3031, 0.3117 by changing the saturation by 10% instead.

■ 42.9739, 0.3031,
0.3117

■ 42.9739, 0.3031,
0.3117

358.5044, 0.3080,
0.3204

■ 29.8646, 0.3019,
0.3095

■ 79.6715, 0.3049,
0.3149

■ 19.7359, 0.3002,
0.3067

104.0286, 0.3056,
0.3161

■ 12.2032, 0.2980,
0.3029

132.9037, 0.3061,
0.3171

■ 6.8822, 0.2949,
0.2976

166.6814, 0.3066,
0.3179

■ 3.3885, 0.2902,
0.2896

205.7459, 0.3070,
0.3187

■ 1.3378, 0.2820,
0.2761

250.4816, 0.3074,

■ 0.1702, 0.2226,

0.3193

0.1633

301.2730, 0.3077,
0.3199

■ 0.0000, 0.0000,
0.0000

■ 42.9739, 0.3031,
0.3117

■ 42.9739, 0.3031,
0.3117

■ 34.3778, 0.2876,
0.2841

■ 52.8340, 0.3166,
0.3361

■ 26.9893, 0.2702,
0.2535

■ 64.0006, 0.3283,
0.3574

■ 20.7559, 0.2511,
0.2204

■ 76.5210, 0.3384,
0.3759

■ 15.6192, 0.2309,
0.1859

■ 90.4383, 0.3470,
0.3919

■ 11.5156, 0.2106,
0.1517

■ 96.3680, 0.3532,
0.3959

■ 8.3749, 0.1914,
0.1203

■ 6.1183, 0.1748,
0.0940

■ 4.6543, 0.1622,
0.0749

■ 3.8598, 0.1542,
0.0639

Harmonies

Analogous

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



42.9739, 0.2958, 0.3131



42.9739, 0.3031, 0.3117



42.9739, 0.3131, 0.3148

Triad

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



42.9739, 0.3031, 0.3117



42.9739, 0.3329, 0.3388



42.9739, 0.3023, 0.3366

Complementary

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



42.9739, 0.3031, 0.3117



49.0348, 0.3220, 0.3458

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.



42.9739, 0.3121, 0.3438



42.9739, 0.3031, 0.3117



42.9739, 0.3298, 0.3449

Square

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



42.9739, 0.3031, 0.3117



42.9739, 0.3304, 0.3302



42.9739, 0.3222, 0.3469



42.9739, 0.2953, 0.3274

Rectangle

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



42.9739, 0.3031, 0.3117



42.9739, 0.3199, 0.3190



42.9739, 0.3222, 0.3469



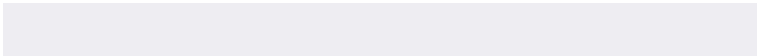
42.9739, 0.3054, 0.3394

Sweetspot

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



42.9757, 0.3031, 0.3117



85.3691, 0.3100, 0.3241



47.7618, 0.3021, 0.3278



18.8399, 0.3101, 0.3244



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



42.9757, 0.3031, 0.3117



75.0419, 0.3014, 0.3086



43.7277, 0.3086, 0.3120



9.2602, 0.2996, 0.3054



2.5533, 0.1529, 0.0616



0.1124, 0.1639, 0.0677

Inverse Universe

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



44.3810, 0.3143, 0.3136



77.9620, 0.3146, 0.3109



48.2574, 0.3166, 0.3461



9.6830, 0.3149, 0.3081



9.3444, 0.3414, 0.1655



0.3699, 0.3360, 0.1625

Previews

White Background



This preview shows how the Yxy color 42.9739, 0.3031, 0.3117 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 42.9739, 0.3031, 0.3117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

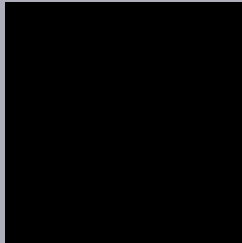
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

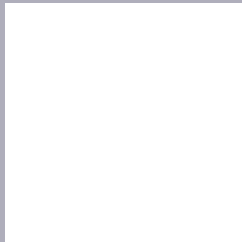
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.9739, 0.3031, 0.3117

Background



This preview shows how black text looks on a background with the Yxy color 42.9739, 0.3031, 0.3117.



This preview shows how white text looks on a background with the Yxy color 42.9739, 0.3031, 0.3117.

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

42.9739, 0.3031, 0.3117

Protanopia

42.9739, 0.3031, 0.3117

Deuteranopia

42.8194, 0.3120, 0.3057



Tritanopia

43.0169, 0.3023, 0.3104

Trichromacy



Original Color

42.9739, 0.3031, 0.3117

Protanomaly

42.9739, 0.3031, 0.3117

Deuteranomaly

42.7017, 0.3084, 0.3068

Tritanomaly

43.0169, 0.3023, 0.3104

Monochromacy



Original Color

42.9739, 0.3031, 0.3117

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.1853, 0.3095, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9739, 0.3031, 0.3117 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(175, 174, 187)` looks like.

```
.text, #text, p{  
    color:rgb(175, 174, 187)  
}
```

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(175, 174, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 174, 187) }
```

Border

The CSS property to change the border of an element to Yxy 42.9739, 0.3031, 0.3117 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(175, 174, 187) }
```

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

```
.border{ border-color:rgb(175, 174, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 174, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 174, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 174, 187);  
box-shadow:4px 4px 4px 4px rgb(175, 174,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9739, 0.3031, 0.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 174, 187) }
```

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

```
.background{ background-color: rgb(175,  
174, 187) }
```

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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