

Converting Colors

$Yxy(42.3407, 0.3042, 0.3123)$

Have a look what the booklet for
Yxy(42.3407, 0.3042, 0.3123)
contains.

Yxy(42.5039, 0.3047, 0.3130)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(42.5039, 0.3047, 0.3130)

Conversions

Conversions Part 1

Format	Color
Hex	AFADB9
RGB	175, 173, 185
RGB Percent	69%, 68%, 73%
CMY	0.3138, 0.3215, 0.2746
CMYK	0.05, 0.06, 0.00, 0.27
HSL	250°, 8%, 70%
HSV	250°, 6%, 73%
XYZ	41.3768, 42.5039, 51.9145
YIQ	174.9660, -2.6600, 4.1560

Conversions

Conversions Part 2

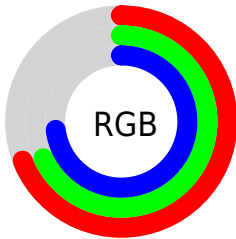
Format	Color
RYB	175, 173, 185
Decimal	11513273
CIELab	71.22, 3.01, -5.87
CIELCh	71, 6.598, 297.143
Yxy	42.5039, 0.3047, 0.3130
Android (android.graphics.Color)	4289703353 (0xFFAFADB9)
YUV	174.9660, 4.9468, 0.0298
Hunter-Lab	65.1950, -0.8041, -1.5759

Details

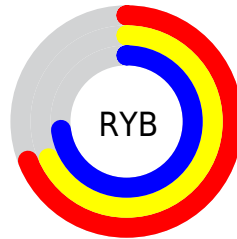
The Yxy color **42.5039, 0.3047, 0.3130** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.7780, 0.3204, 0.3447**, and the grayscale version is **42.8261, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.8266, 0.3065, 0.3156**, and **19.5516, 0.3028, 0.3088** is the 20% darker color. If you saturate the color by 10%, you get **34.2098, 0.2908, 0.2859**, and if you desaturate by 10%, it is **51.9881, 0.3168, 0.3372**.

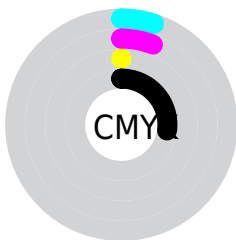
Distribution



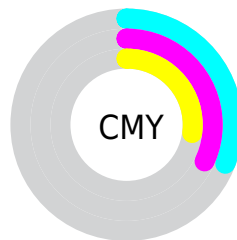
- Red (69%)
- Green (68%)
- Blue (73%)



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



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.5039, 0.3047, 0.3130 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 42.5039, 0.3047, 0.3130 by changing the saturation by 10% instead.

■ 42.5039, 0.3047,
0.3130

■ 42.5039, 0.3047,
0.3130

■ 356.5676, 0.3088,
0.3211

■ 29.4961, 0.3037,
0.3110

■ 78.9617, 0.3062,
0.3159

■ 19.4564, 0.3023,
0.3083

■ 103.1804, 0.3068,
0.3171

■ 12.0005, 0.3005,
0.3048

■ 131.9049, 0.3072,
0.3180

■ 6.7440, 0.2978,
0.2998

■ 165.5196, 0.3076,
0.3188

■ 3.3025, 0.2938,
0.2923

■ 204.4088, 0.3080,
0.3195

■ 1.2916, 0.2868,
0.2796

■ 248.9569, 0.3083,

■ 0.1347, 0.2256,

0.3201

0.1508

299.5484, 0.3086,
0.3206

0.0000, 0.0000,
0.0000

42.5039, 0.3047,
0.3130

42.5039, 0.3047,
0.3130

34.2098, 0.2908,
0.2859

51.9881, 0.3168,
0.3372

27.0535, 0.2751,
0.2559

62.7013, 0.3272,
0.3585

20.9865, 0.2577,
0.2237

74.6874, 0.3360,
0.3771

15.9552, 0.2390,
0.1901

87.9863, 0.3436,
0.3934

11.9010, 0.2198,
0.1568

95.7514, 0.3525,
0.3983

■ 8.7595, 0.2010,
0.1259

■ 96.2822, 0.3544,
0.3979

■ 6.4586, 0.1841,
0.0995

■ 4.9149, 0.1701,
0.0797

■ 4.0198, 0.1600,
0.0673

Harmonies

Analogous

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



42.5039, 0.2975, 0.3138



42.5039, 0.3047, 0.3130



42.5039, 0.3141, 0.3163

Triad

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



42.5039, 0.3047, 0.3130



42.5039, 0.3314, 0.3389



42.5039, 0.3022, 0.3352

Complementary

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



42.5039, 0.3047, 0.3130



47.7780, 0.3204, 0.3447

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.



42.5039, 0.3111, 0.3422



42.5039, 0.3047, 0.3130



42.5039, 0.3281, 0.3443

Square

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



42.5039, 0.3047, 0.3130



42.5039, 0.3297, 0.3311



42.5039, 0.3206, 0.3455



42.5039, 0.2961, 0.3266

Rectangle

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



42.5039, 0.3047, 0.3130



42.5039, 0.3204, 0.3204



42.5039, 0.3206, 0.3455



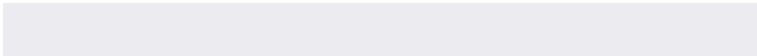
42.5039, 0.3049, 0.3379

Sweetspot

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



42.5057, 0.3047, 0.3130



83.4177, 0.3103, 0.3241



46.3331, 0.3028, 0.3266



18.0219, 0.3104, 0.3244



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



42.5057, 0.3047, 0.3130



73.5343, 0.3025, 0.3087



43.1918, 0.3098, 0.3133



8.7890, 0.3009, 0.3055



2.6013, 0.1580, 0.0644



0.1140, 0.1798, 0.0764

Inverse Universe

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



43.6224, 0.3151, 0.3160



76.0215, 0.3157, 0.3126



47.0808, 0.3155, 0.3449



9.1365, 0.3162, 0.3101



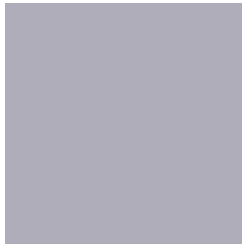
8.6298, 0.3671, 0.1796



0.3111, 0.3533, 0.1720

Previews

White Background



This preview shows how the Yxy color 42.5039, 0.3047, 0.3130 looks on a white background.

Color Contrast Check

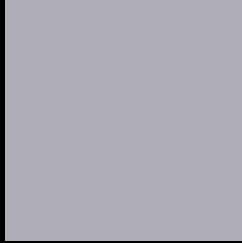
Large Text (above 18pt) WCAG AA × Fail

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 42.5039, 0.3047, 0.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

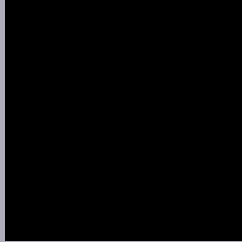
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

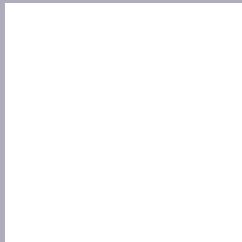
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.5039, 0.3047, 0.3130

Background



This preview shows how black text looks on a background with the Yxy color 42.5039, 0.3047, 0.3130.

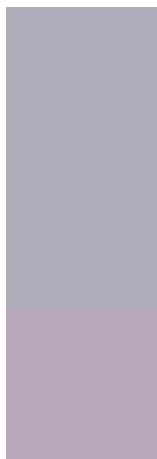


This preview shows how white text looks on a background with the Yxy color 42.5039, 0.3047, 0.3130.

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

42.5039, 0.3047, 0.3130

Protanopia

42.3886, 0.3038, 0.3129

Deuteranopia

42.3602, 0.3138, 0.3069



Tritanopia

42.5463, 0.3039, 0.3117

Trichromacy



Original Color

42.5039, 0.3047, 0.3130

Protanomaly

42.3886, 0.3038, 0.3129

Deuteranomaly

42.2397, 0.3101, 0.3080

Tritanomaly

42.5463, 0.3039, 0.3117

Monochromacy



Original Color

42.5039, 0.3047, 0.3130

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.6407, 0.3095, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5039, 0.3047, 0.3130 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, 173, 185)` looks like.

```
.text, #text, p{  
    color:rgb(175, 173, 185)  
}
```

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, 173, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 173, 185) }
```

Border

The CSS property to change the border of an element to Yxy 42.5039, 0.3047, 0.3130 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, 173, 185) }
```

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

```
.border{ border-color:rgb(175, 173, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 173, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 173, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 173, 185);  
box-shadow:4px 4px 4px 4px rgb(175, 173,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5039, 0.3047, 0.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 173, 185) }
```

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

```
.background{ background-color: rgb(175,  
173, 185) }
```

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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