

Converting Colors

$Yxy(42.3212, 0.3083, 0.3393)$

Have a look what the booklet for
Yxy(42.3212, 0.3083, 0.3393)
contains.

Yxy(42.3459, 0.3079, 0.3387)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.3459, 0.3079, 0.3387)

Conversions

Conversions Part 1

Format	Color
Hex	A5B1AA
RGB	165, 177, 170
RGB Percent	65%, 69%, 67%
CMY	0.3530, 0.3059, 0.3333
CMYK	0.07, 0.00, 0.04, 0.31
HSL	145°, 7%, 67%
HSV	145°, 7%, 69%
XYZ	38.4951, 42.3459, 44.1838
YIQ	172.6140, -4.9050, -4.7210

Conversions

Conversions Part 2

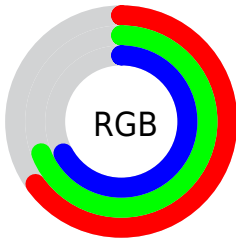
Format	Color
RYB	165, 173, 177
Decimal	10858922
CIELab	71.11, -5.53, 2.12
CIELCh	71, 5.925, 159.051
Yxy	42.3459, 0.3079, 0.3387
Android (android.graphics.Color)	4289049002 (0xFFA5B1AA)
YUV	172.6140, -1.2887, -6.6775
Hunter-Lab	65.0737, -8.2852, 5.2949

Details

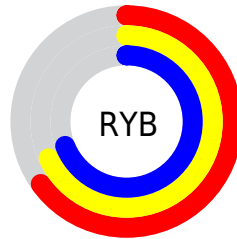
The Yxy color $42.3459, 0.3079, 0.3387$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $39.2335, 0.3178, 0.3195$, and the grayscale version is $41.5919, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.9297, 0.3090, 0.3375$, and $19.2340, 0.3062, 0.3407$ is the 20% darker color. If you saturate the color by 10%, you get $40.2047, 0.3009, 0.3545$, and if you desaturate by 10%, it is $44.7839, 0.3150, 0.3247$.

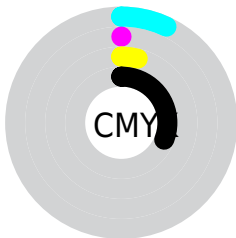
Distribution



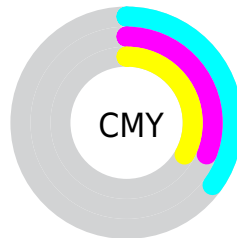
- Red (65%)
- Green (69%)
- Blue (67%)



- Red (65%)
- Yellow (68%)
- Blue (69%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (31%)




- Cyan (35%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.3459, 0.3079, 0.3387 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 42.3459, 0.3079, 0.3387 by changing the saturation by 10% instead.

 42.3459, 0.3079,
0.3387


 42.3459, 0.3079,
0.3387


355.9148, 0.3104,
0.3337

 29.3722, 0.3073,
0.3400


 78.7229, 0.3088,
0.3369

 19.3626, 0.3064,
0.3416


 102.8950, 0.3091,
0.3362

 11.9326, 0.3053,
0.3439


131.5686, 0.3094,
0.3356

 6.6978, 0.3037,
0.3471

165.1283, 0.3097,
0.3351

 3.2738, 0.3012,
0.3522

203.9584, 0.3099,
0.3347

 1.2763, 0.2967,
0.3611

248.4432, 0.3101,

 0.1227, 0.0000,

0.3344

1.0000

298.9672, 0.3102,
0.3340

0.0000, 0.0000,
0.0000

42.3459, 0.3079,
0.3387

42.3459, 0.3079,
0.3387

40.2047, 0.3009,
0.3545

44.7839, 0.3150,
0.3247

38.3434, 0.2942,
0.3720

47.5242, 0.3220,
0.3123

36.7518, 0.2880,
0.3911

50.5786, 0.3289,
0.3014

35.4166, 0.2827,
0.4118

53.9570, 0.3355,
0.2918

34.3238, 0.2786,
0.4337

57.6686, 0.3418,
0.2835

■ 33.4575, 0.2759,
0.4562

■ 58.5200, 0.3345,
0.2738

■ 32.8003, 0.2750,
0.4786

■ 59.1216, 0.3263,
0.2642

■ 32.3318, 0.2759,
0.5003

■ 59.7581, 0.3183,
0.2550

■ 32.0238, 0.2786,
0.5204

■ 59.9260, 0.3163,
0.2527

Harmonies

Analogous

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



42.3459, 0.3165, 0.3431



42.3459, 0.3079, 0.3387



42.3459, 0.3006, 0.3316

Triad

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



42.3459, 0.3079, 0.3387



42.3459, 0.3012, 0.3146



42.3459, 0.3291, 0.3338

Complementary

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



42.3459, 0.3079, 0.3387



39.2335, 0.3178, 0.3195

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.



42.3459, 0.3249, 0.3263



42.3459, 0.3079, 0.3387



42.3459, 0.3088, 0.3153

Square

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



42.3459, 0.3079, 0.3387



42.3459, 0.2968, 0.3176



42.3459, 0.3174, 0.3196



42.3459, 0.3288, 0.3402

Rectangle

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



42.3459, 0.3079, 0.3387



42.3459, 0.2975, 0.3263



42.3459, 0.3174, 0.3196



42.3459, 0.3282, 0.3314

Sweetspot

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



42.3477, 0.3079, 0.3387



77.8455, 0.3113, 0.3318



42.9331, 0.3181, 0.3455



16.8808, 0.3113, 0.3317



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



42.3477, 0.3079, 0.3387



75.2904, 0.3069, 0.3407



42.5794, 0.3032, 0.3304



9.5471, 0.3061, 0.3425



23.1528, 0.2790, 0.5245



0.7402, 0.2631, 0.4671

Inverse Universe

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



39.2335, 0.3178, 0.3195



68.6627, 0.3189, 0.3176



39.0087, 0.3231, 0.3277



8.5854, 0.3199, 0.3158



7.4933, 0.4591, 0.2303



0.2471, 0.4110, 0.2038

Previews

White Background



This preview shows how the Yxy color 42.3459, 0.3079, 0.3387 looks on a white background.

Color Contrast Check

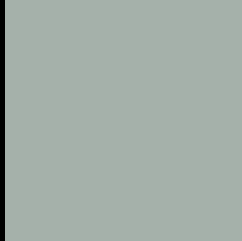
Large Text (above 18pt) WCAG AA × Fail

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 42.3459, 0.3079, 0.3387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

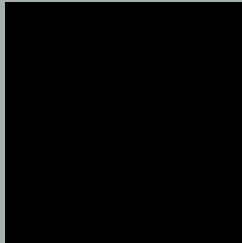
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

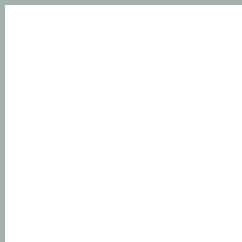
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.3459, 0.3079, 0.3387

Background



This preview shows how black text looks on a background with the Yxy color 42.3459, 0.3079, 0.3387.



This preview shows how white text looks on a background with the Yxy color 42.3459, 0.3079, 0.3387.

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

42.3459, 0.3079, 0.3387

Protanopia

42.1793, 0.3214, 0.3358

Deuteranopia

42.0602, 0.3306, 0.3238



Tritanopia

42.2278, 0.2964, 0.3101

Trichromacy



Original Color

42.3459, 0.3079, 0.3387

Protanomaly

42.0209, 0.3160, 0.3359

Deuteranomaly

42.0112, 0.3227, 0.3290

Tritanomaly

42.2116, 0.3010, 0.3208

Monochromacy



Original Color

42.3459, 0.3079, 0.3387

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.7967, 0.3108, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3459, 0.3079, 0.3387 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, 177, 170)` looks like.

```
.text, #text, p{  
    color:rgb(165, 177, 170)  
}
```

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, 177, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 177, 170) }
```

Border

The CSS property to change the border of an element to Yxy 42.3459, 0.3079, 0.3387 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, 177, 170) }
```

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

```
.border{ border-color:rgb(165, 177, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 177, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 177, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 177, 170);  
box-shadow:4px 4px 4px 4px rgb(165, 177,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3459, 0.3079, 0.3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 177, 170) }
```

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

```
.background{ background-color: rgb(165,  
177, 170) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor