

Converting Colors

$Yxy(42.8252, 0.3006, 0.3184)$

Have a look what the booklet for
Yxy(42.8252, 0.3006, 0.3184)
contains.

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Color

Yxy(42.9464, 0.3003, 0.3182)

Conversions

Conversions Part 1

Format	Color
Hex	A9B0B8
RGB	169, 176, 184
RGB Percent	66%, 69%, 72%
CMY	0.3374, 0.3097, 0.2785
CMYK	0.08, 0.04, 0.00, 0.28
HSL	212°, 10%, 69%
HSV	212°, 8%, 72%
XYZ	40.5305, 42.9464, 51.4898
YIQ	174.8190, -6.7400, 1.0040

Conversions

Conversions Part 2

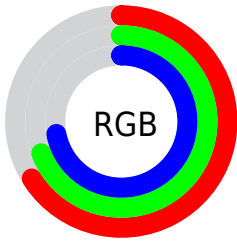
Format	Color
R _Y B	169, 174, 184
Decimal	11120824
CIE Lab	71.52, -0.89, -4.92
CIE LCh	72, 5.004, 259.735
Yxy	42.9464, 0.3003, 0.3182
Android (android.graphics.Color)	4289310904 (0xFFA9B0B8)
YUV	174.8190, 4.5262, -5.1033
Hunter-Lab	65.5335, -4.2868, -0.7108

Details

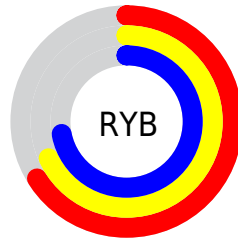
The Yxy color **42.9464, 0.3003, 0.3182** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.4635, 0.3255, 0.3396**, and the grayscale version is **42.7473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.8518, 0.3024, 0.3206**, and **19.8359, 0.2968, 0.3159** is the 20% darker color. If you saturate the color by 10%, you get **37.3672, 0.2845, 0.3036**, and if you desaturate by 10%, it is **49.0902, 0.3154, 0.3313**.

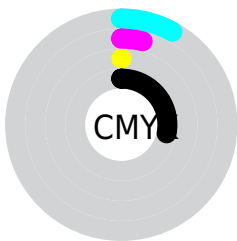
Distribution



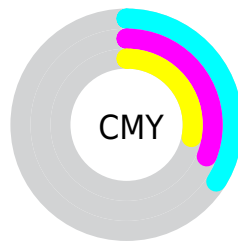
- Red (66%)
- Green (69%)
- Blue (72%)



- Red (66%)
- Yellow (68%)
- Blue (72%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (28%)



- Cyan (34%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.9464, 0.3003, 0.3182 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 42.9464, 0.3003, 0.3182 by changing the saturation by 10% instead.

■ 42.9464, 0.3003,
0.3182

■ 42.9464, 0.3003,
0.3182

■ 358.3913, 0.3066,
0.3237

■ 29.8431, 0.2987,
0.3168

■ 79.6300, 0.3026,
0.3202

■ 19.7195, 0.2966,
0.3150

■ 103.9790, 0.3035,
0.3210

■ 12.1913, 0.2939,
0.3126

■ 132.8454, 0.3042,
0.3216

■ 6.8741, 0.2900,
0.3091

■ 166.6135, 0.3048,
0.3221

■ 3.3835, 0.2840,
0.3038

■ 205.6677, 0.3053,
0.3226

■ 1.3351, 0.2738,
0.2947

■ 250.3925, 0.3058,

■ 0.1681, 0.1656,

0.3230

0.2017

301.1722, 0.3062,
0.3234

0.0000, 0.0000,
0.0000

42.9464, 0.3003,
0.3182

42.9464, 0.3003,
0.3182

37.3672, 0.2845,
0.3036

49.0902, 0.3154,
0.3313

32.3295, 0.2682,
0.2874

55.8100, 0.3297,
0.3429

27.8166, 0.2517,
0.2698

63.1235, 0.3431,
0.3531

23.8085, 0.2355,
0.2508

71.0460, 0.3556,
0.3621

20.2839, 0.2201,
0.2309

78.4468, 0.3627,
0.3707

■ 17.2197, 0.2059,
0.2104

■ 83.8631, 0.3601,
0.3801

■ 14.5901, 0.1935,
0.1899

■ 89.5853, 0.3576,
0.3892

■ 12.3660, 0.1835,
0.1700

■ 95.6180, 0.3552,
0.3980

■ 10.5046, 0.1758,
0.1513

■ 96.2399, 0.3550,
0.3989

Harmonies

Analogous

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



42.9464, 0.2988, 0.3226



42.9464, 0.3003, 0.3182



42.9464, 0.3051, 0.3167

Triad

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



42.9464, 0.3003, 0.3182



42.9464, 0.3246, 0.3290



42.9464, 0.3133, 0.3399

Complementary

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



42.9464, 0.3003, 0.3182



44.4635, 0.3255, 0.3396

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.



42.9464, 0.3203, 0.3416



42.9464, 0.3003, 0.3182



42.9464, 0.3269, 0.3352

Square

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



42.9464, 0.3003, 0.3182



42.9464, 0.3191, 0.3230



42.9464, 0.3253, 0.3398



42.9464, 0.3063, 0.3352

Rectangle

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



42.9464, 0.3003, 0.3182



42.9464, 0.3096, 0.3175



42.9464, 0.3253, 0.3398



42.9464, 0.3158, 0.3408

Sweetspot

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



42.9482, 0.3003, 0.3182



84.5803, 0.3097, 0.3264



45.8666, 0.3058, 0.3388



18.2596, 0.3098, 0.3265



93.3107, 0.3127, 0.3290



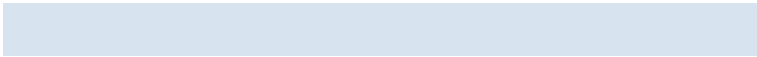
18.7317, 0.3127, 0.3290

Same Dimension

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



42.9482, 0.3003, 0.3182



75.7676, 0.2972, 0.3154



40.2778, 0.3005, 0.3085



9.3968, 0.2985, 0.3166



7.1650, 0.1751, 0.1502



0.3767, 0.1887, 0.1994

Inverse Universe

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



41.6833, 0.3204, 0.3197



72.9922, 0.3225, 0.3173



47.2933, 0.3244, 0.3487



9.0806, 0.3216, 0.3183



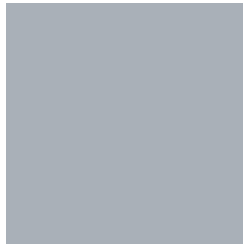
7.5056, 0.5057, 0.2559



0.2771, 0.4459, 0.2230

Previews

White Background



This preview shows how the Yxy color 42.9464, 0.3003, 0.3182 looks on a white background.

Color Contrast Check

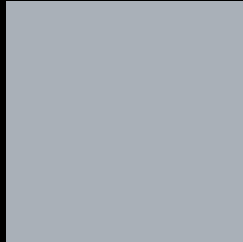
Large Text (above 18pt) WCAG AA × Fail

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 42.9464, 0.3003, 0.3182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

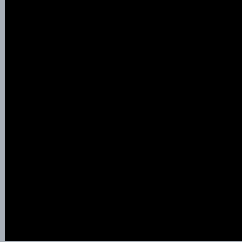
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

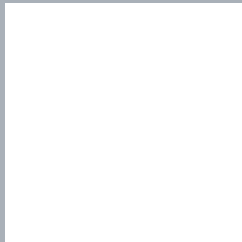
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.9464, 0.3003, 0.3182

Background



This preview shows how black text looks on a background with the Yxy color 42.9464, 0.3003, 0.3182.



This preview shows how white text looks on a background with the Yxy color 42.9464, 0.3003, 0.3182.

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

42.9464, 0.3003, 0.3182

Protanopia

42.9211, 0.3071, 0.3170

Deuteranopia

42.8170, 0.3154, 0.3096



Tritanopia

42.8801, 0.2973, 0.3102

Trichromacy



Original Color

42.9464, 0.3003, 0.3182

Protanomaly

42.9631, 0.3045, 0.3182

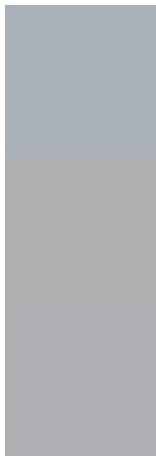
Deuteranomaly

42.7111, 0.3091, 0.3119

Tritanomaly

42.7938, 0.2988, 0.3128

Monochromacy



Original Color

42.9464, 0.3003, 0.3182

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.7585, 0.3085, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9464, 0.3003, 0.3182 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(169, 176, 184)` looks like.

```
.text, #text, p{  
    color:rgb(169, 176, 184)  
}
```

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(169, 176, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 176, 184) }
```

Border

The CSS property to change the border of an element to Yxy 42.9464, 0.3003, 0.3182 is called "border". The border property can be set on classes, ids or directly on the HTML element.

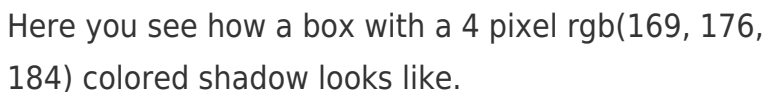
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 176, 184) }
```

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

```
.border{ border-color:rgb(169, 176, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 176, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 176, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 176, 184); box-shadow:4px 4px 4px 4px rgb(169, 176, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9464, 0.3003, 0.3182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 176, 184) }
```

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

```
.background{ background-color: rgb(169,  
176, 184) }
```

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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