

Converting Colors

$Yxy(43.0932, 0.2949, 0.3102)$

Have a look what the booklet for
Yxy(43.0932, 0.2949, 0.3102)
contains.

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Color

Yxy(43.0932, 0.2949, 0.3102)

Conversions

Conversions Part 1

Format	Color
Hex	A8B0BE
RGB	168, 176, 190
RGB Percent	66%, 69%, 75%
CMY	0.3411, 0.3098, 0.2550
CMYK	0.12, 0.07, 0.00, 0.25
HSL	218°, 14%, 70%
HSV	218°, 12%, 75%
XYZ	40.9677, 43.0932, 54.8598
YIQ	175.2040, -9.2620, 2.6580

Conversions

Conversions Part 2

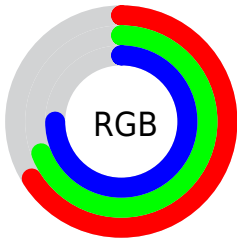
Format	Color
RYB	168, 174, 190
Decimal	11055294
CIELab	71.62, 0.03, -8.08
CIELCh	72, 8.080, 270.194
Yxy	43.0932, 0.2949, 0.3102
Android (android.graphics.Color)	4289245374 (0xFFA8B0BE)
YUV	175.2040, 7.2944, -6.3179
Hunter-Lab	65.6454, -3.4819, -3.5968

Details

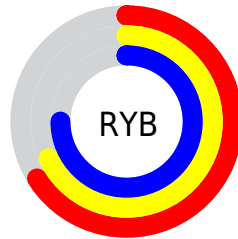
The Yxy color **43.0932, 0.2949, 0.3102** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.2221, 0.3310, 0.3471**, and the grayscale version is **42.9472, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0550, 0.2982, 0.3144**, and **19.9344, 0.2895, 0.3049** is the 20% darker color. If you saturate the color by 10%, you get **36.6290, 0.2785, 0.2918**, and if you desaturate by 10%, it is **50.2877, 0.3104, 0.3266**.

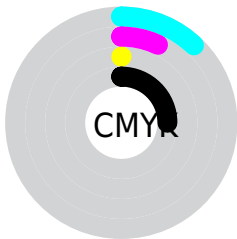
Distribution



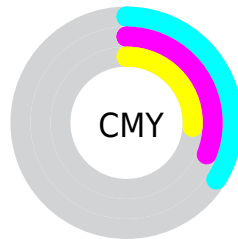
- Red (66%)
- Green (69%)
- Blue (75%)



- Red (66%)
- Yellow (68%)
- Blue (75%)



- Cyan (12%)
- Magenta (7%)
- Yellow (0%)
- Black (25%)



- Cyan (34%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.0932, 0.2949, 0.3102 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 43.0932, 0.2949, 0.3102 by changing the saturation by 10% instead.

■ 43.0932, 0.2949,
0.3102

■ 43.0932, 0.2949,
0.3102

■ 358.9949, 0.3039,
0.3197

■ 29.9582, 0.2926,
0.3078

■ 79.8515, 0.2982,
0.3137

■ 19.8069, 0.2897,
0.3047

■ 104.2436, 0.2994,
0.3150

■ 12.2548, 0.2857,
0.3005

■ 133.1569, 0.3005,
0.3161

■ 6.9174, 0.2802,
0.2947

■ 166.9758, 0.3013,
0.3170

■ 3.4105, 0.2717,
0.2858

■ 206.0846, 0.3021,
0.3178

■ 1.3496, 0.2575,
0.2707

■ 250.8678, 0.3028,

■ 0.1791, 0.1540,

0.3185

0.1614

301.7098, 0.3034,
0.3192

0.0000, 0.0000,
0.0000

43.0932, 0.2949,
0.3102

43.0932, 0.2949,
0.3102

36.6290, 0.2785,
0.2918

50.2877, 0.3104,
0.3266

30.8655, 0.2613,
0.2716

58.2299, 0.3248,
0.3411

25.7791, 0.2438,
0.2495

66.9435, 0.3381,
0.3539

21.3425, 0.2265,
0.2260

76.4494, 0.3503,
0.3651

17.5265, 0.2099,
0.2017

85.2184, 0.3557,
0.3758

■ 14.2991, 0.1948,
0.1773

■ 92.4325, 0.3529,
0.3871

■ 11.6252, 0.1820,
0.1538

■ 96.4967, 0.3514,
0.3930

■ 9.4644, 0.1720,
0.1321

■ 7.9869, 0.1655,
0.1157

Harmonies

Analogous

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



43.0932, 0.2905, 0.3157



43.0932, 0.2949, 0.3102



43.0932, 0.3040, 0.3098

Triad

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



43.0932, 0.2949, 0.3102



43.0932, 0.3339, 0.3325



43.0932, 0.3095, 0.3445

Complementary

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



43.0932, 0.2949, 0.3102



47.2221, 0.3310, 0.3471

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.



43.0932, 0.3212, 0.3491



43.0932, 0.2949, 0.3102



43.0932, 0.3354, 0.3418

Square

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



43.0932, 0.2949, 0.3102



43.0932, 0.3266, 0.3225



43.0932, 0.3307, 0.3480



43.0932, 0.2989, 0.3355

Rectangle

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



43.0932, 0.2949, 0.3102



43.0932, 0.3117, 0.3122



43.0932, 0.3307, 0.3480



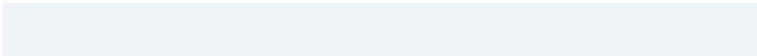
43.0932, 0.3135, 0.3466

Sweetspot

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



43.0950, 0.2949, 0.3102



89.1294, 0.3082, 0.3243



48.5173, 0.3010, 0.3397



19.3317, 0.3069, 0.3230



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



43.0950, 0.2949, 0.3102



74.8646, 0.2906, 0.3055



40.3782, 0.2972, 0.2995



9.7784, 0.2984, 0.3140



5.4497, 0.1661, 0.1181



0.3392, 0.1800, 0.1681

Inverse Universe

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



42.0890, 0.3261, 0.3186



72.7398, 0.3296, 0.3161



50.2154, 0.3272, 0.3574



9.5922, 0.3233, 0.3207



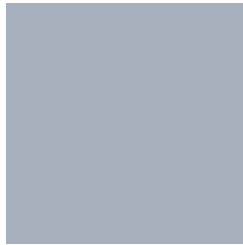
7.5798, 0.5494, 0.2800



0.3096, 0.4830, 0.2434

Previews

White Background



This preview shows how the Yxy color 43.0932, 0.2949, 0.3102 looks on a white background.

Color Contrast Check

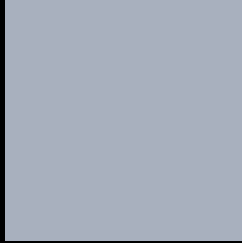
Large Text (above 18pt) WCAG AA × Fail

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 43.0932, 0.2949, 0.3102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

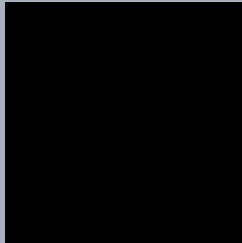
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

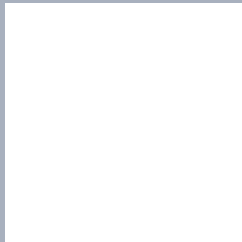
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.0932, 0.2949, 0.3102

Background



This preview shows how black text looks on a background with the Yxy color 43.0932, 0.2949, 0.3102.

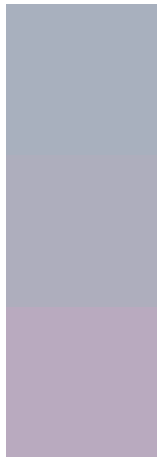


This preview shows how white text looks on a background with the Yxy color 43.0932, 0.2949, 0.3102.

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

43.0932, 0.2949, 0.3102

Protanopia

42.9449, 0.3007, 0.3091

Deuteranopia

42.8253, 0.3087, 0.3019



Tritanopia

43.0932, 0.2949, 0.3102

Trichromacy



Original Color

43.0932, 0.2949, 0.3102

Protanomaly

43.1047, 0.2990, 0.3103

Deuteranomaly

42.8503, 0.3034, 0.3041

Tritanomaly

43.0932, 0.2949, 0.3102

Monochromacy



Original Color

43.0932, 0.2949, 0.3102

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.7259, 0.3061, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0932, 0.2949, 0.3102 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(168, 176, 190)` looks like.

```
.text, #text, p{  
    color:rgb(168, 176, 190)  
}
```

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(168, 176, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 176, 190) }
```

Border

The CSS property to change the border of an element to Yxy 43.0932, 0.2949, 0.3102 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(168, 176, 190) }
```

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

```
.border{ border-color:rgb(168, 176, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 176, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 176, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 176, 190);  
box-shadow:4px 4px 4px 4px rgb(168, 176,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0932, 0.2949, 0.3102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 176, 190) }
```

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

```
.background{ background-color: rgb(168,  
176, 190) }
```

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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