

Converting Colors

$Y_{xy}(42.9579, 0.2966, 0.3118)$

Have a look what the booklet for
Yxy(42.9579, 0.2966, 0.3118)
contains.

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Color

Yxy(43.1165, 0.2972, 0.3128)

Conversions

Conversions Part 1

Format	Color
Hex	A9B0BC
RGB	169, 176, 188
RGB Percent	66%, 69%, 74%
CMY	0.3373, 0.3098, 0.2626
CMYK	0.10, 0.06, 0.00, 0.26
HSL	218°, 12%, 70%
HSV	218°, 10%, 74%
XYZ	40.9662, 43.1165, 53.7578
YIQ	175.2750, -8.0240, 2.2480

Conversions

Conversions Part 2

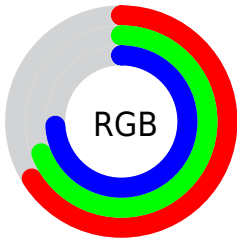
Format	Color
R _Y B	169, 174, 188
Decimal	11120828
CIE Lab	71.63, -0.05, -6.98
CIE LCh	72, 6.980, 269.628
Yxy	43.1165, 0.2972, 0.3128
Android (android.graphics.Color)	4289310908 (0xFFA9B0BC)
YUV	175.2750, 6.2734, -5.5032
Hunter-Lab	65.6632, -3.5472, -2.5759

Details

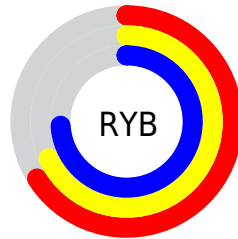
The Yxy color **43.1165, 0.2972, 0.3128** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.6176, 0.3286, 0.3447**, and the grayscale version is **42.9908, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0922, 0.3000, 0.3165**, and **19.9465, 0.2927, 0.3086** is the 20% darker color. If you saturate the color by 10%, you get **36.7286, 0.2809, 0.2949**, and if you desaturate by 10%, it is **50.2149, 0.3125, 0.3288**.

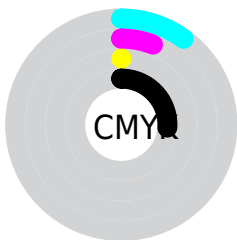
Distribution



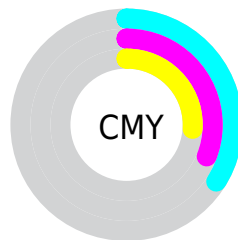
- Red (66%)
- Green (69%)
- Blue (74%)



- Red (66%)
- Yellow (68%)
- Blue (74%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (26%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.1165, 0.2972, 0.3128 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 43.1165, 0.2972, 0.3128 by changing the saturation by 10% instead.

■ 43.1165, 0.2972,
0.3128

■ 43.1165, 0.2972,
0.3128

■ 359.0907, 0.3050,
0.3210

■ 29.9765, 0.2952,
0.3107

■ 79.8866, 0.3001,
0.3158

■ 19.8208, 0.2926,
0.3080

■ 104.2856, 0.3011,
0.3169

■ 12.2648, 0.2892,
0.3044

■ 133.2063, 0.3020,
0.3179

■ 6.9243, 0.2843,
0.2994

■ 167.0333, 0.3028,
0.3187

■ 3.4148, 0.2770,
0.2916

■ 206.1508, 0.3035,
0.3194

■ 1.3519, 0.2644,
0.2785

■ 250.9432, 0.3041,

■ 0.1809, 0.1648,

0.3200

0.1745

301.7951, 0.3046,
0.3205

0.0000, 0.0000,
0.0000

43.1165, 0.2972,
0.3128

43.1165, 0.2972,
0.3128

36.7286, 0.2809,
0.2949

50.2149, 0.3125,
0.3288

31.0228, 0.2639,
0.2750

58.0404, 0.3268,
0.3430

25.9763, 0.2465,
0.2534

66.6158, 0.3399,
0.3554

21.5631, 0.2291,
0.2303

75.9611, 0.3520,
0.3663

17.7554, 0.2125,
0.2062

84.5445, 0.3572,
0.3768

■ 14.5227, 0.1972,
0.1819

■ 91.5929, 0.3543,
0.3879

■ 11.8315, 0.1841,
0.1583

■ 96.4122, 0.3526,
0.3949

■ 9.6437, 0.1736,
0.1363

■ 7.9150, 0.1658,
0.1170

Harmonies

Analogous

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



43.1165, 0.2935, 0.3176



43.1165, 0.2972, 0.3128



43.1165, 0.3050, 0.3123

Triad

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



43.1165, 0.2972, 0.3128



43.1165, 0.3309, 0.3319



43.1165, 0.3102, 0.3425

Complementary

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



43.1165, 0.2972, 0.3128



46.6176, 0.3286, 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.



43.1165, 0.3202, 0.3463



43.1165, 0.2972, 0.3128



43.1165, 0.3323, 0.3400

Square

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



43.1165, 0.2972, 0.3128



43.1165, 0.3245, 0.3232



43.1165, 0.3284, 0.3454



43.1165, 0.3009, 0.3348

Rectangle

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



43.1165, 0.2972, 0.3128



43.1165, 0.3116, 0.3144



43.1165, 0.3284, 0.3454



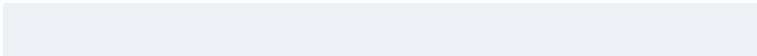
43.1165, 0.3136, 0.3442

Sweetspot

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



43.1183, 0.2972, 0.3128



87.0775, 0.3082, 0.3243



47.7400, 0.3027, 0.3387



18.4987, 0.3069, 0.3231



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.



43.1183, 0.2972, 0.3128



75.6136, 0.2939, 0.3092



40.6883, 0.2990, 0.3033



9.7851, 0.2984, 0.3141



5.5181, 0.1665, 0.1193



0.3423, 0.1803, 0.1692

Inverse Universe

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



42.2041, 0.3242, 0.3199



73.6977, 0.3268, 0.3179



49.2602, 0.3257, 0.3537



9.5929, 0.3232, 0.3206



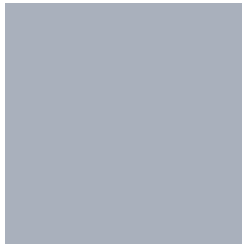
7.5867, 0.5477, 0.2791



0.3099, 0.4816, 0.2427

Previews

White Background



This preview shows how the Yxy color 43.1165, 0.2972, 0.3128 looks on a white background.

Color Contrast Check

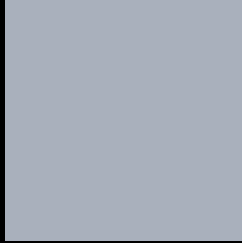
Large Text (above 18pt) WCAG AA × Fail

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 43.1165, 0.2972, 0.3128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

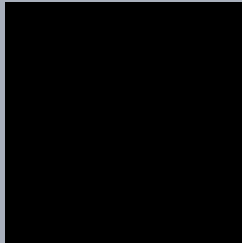
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

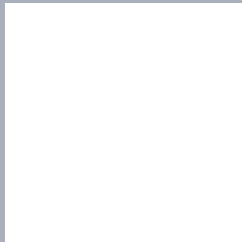
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.1165, 0.2972, 0.3128

Background



This preview shows how black text looks on a background with the Yxy color 43.1165, 0.2972, 0.3128.

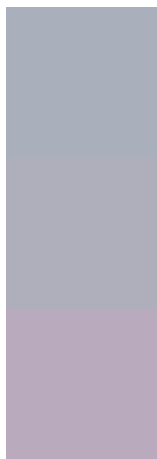


This preview shows how white text looks on a background with the Yxy color 43.1165, 0.2972, 0.3128.

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

43.1165, 0.2972, 0.3128

Protanopia

42.9739, 0.3031, 0.3117

Deuteranopia

42.8627, 0.3112, 0.3045



Tritanopia

43.2034, 0.2957, 0.3102

Trichromacy



Original Color

43.1165, 0.2972, 0.3128

Protanomaly

43.1320, 0.3014, 0.3130

Deuteranomaly

42.8825, 0.3058, 0.3067

Tritanomaly

43.1598, 0.2965, 0.3115

Monochromacy



Original Color

43.1165, 0.2972, 0.3128

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.8395, 0.3069, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1165, 0.2972, 0.3128 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(169, 176, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 176, 188) }
```

Border

The CSS property to change the border of an element to Yxy 43.1165, 0.2972, 0.3128 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, 188) }
```

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

```
.border{ border-color:rgb(169, 176, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 176, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 176, 188);  
box-shadow:4px 4px 4px 4px rgb(169, 176,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1165, 0.2972, 0.3128 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, 188) }
```

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

```
.background{ background-color: rgb(169,  
176, 188) }
```

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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