

Converting Colors

$Y_{xy}(43.1712, 0.3010, 0.3230)$

Have a look what the booklet for
Yxy(43.1712, 0.3010, 0.3230)
contains.

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Color

Yxy(43.1465, 0.3010, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	A8B1B6
RGB	168, 177, 182
RGB Percent	66%, 69%, 71%
CMY	0.3413, 0.3058, 0.2863
CMYK	0.08, 0.03, 0.00, 0.29
HSL	201°, 9%, 69%
HSV	201°, 8%, 71%
XYZ	40.3076, 43.1465, 50.4581
YIQ	174.8790, -6.9690, -0.3530

Conversions

Conversions Part 2

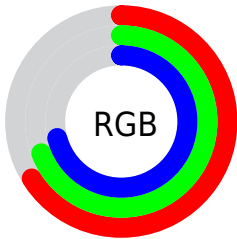
Format	Color
R _Y B	168, 173, 182
Decimal	11055542
CIE Lab	71.65, -2.17, -3.64
CIE LCh	72, 4.238, 239.236
Yxy	43.1465, 0.3010, 0.3222
Android (android.graphics.Color)	4289245622 (0xFFFA8B1B6)
YUV	174.8790, 3.5107, -6.0329
Hunter-Lab	65.6860, -5.4157, 0.4353

Details

The Yxy color **43.1465, 0.3010, 0.3222** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.6366, 0.3251, 0.3357**, and the grayscale version is **42.7860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1388, 0.3030, 0.3237**, and **19.7133, 0.2978, 0.3195** is the 20% darker color. If you saturate the color by 10%, you get **38.7966, 0.2856, 0.3126**, and if you desaturate by 10%, it is **47.9005, 0.3162, 0.3309**.

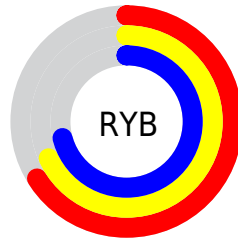
Distribution



Red (66%)

Green (69%)

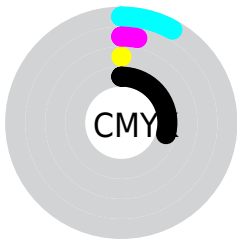
Blue (71%)



Red (66%)

Yellow (68%)

Blue (71%)

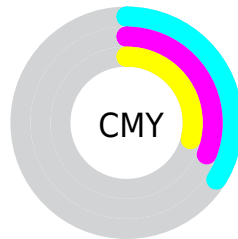


Cyan (8%)

Magenta (3%)

Yellow (0%)

Black (29%)



Cyan (34%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.1465, 0.3010, 0.3222 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 43.1465, 0.3010, 0.3222 by changing the saturation by 10% instead.

■ 43.1465, 0.3010,
0.3222

■ 43.1465, 0.3010,
0.3222

■ 359.2139, 0.3069,
0.3257

■ 30.0001, 0.2995,
0.3213

■ 79.9319, 0.3032,
0.3235

■ 19.8386, 0.2976,
0.3202

■ 104.3396, 0.3040,
0.3240

■ 12.2778, 0.2950,
0.3186

■ 133.2700, 0.3047,
0.3244

■ 6.9332, 0.2913,
0.3164

■ 167.1072, 0.3052,
0.3247

■ 3.4203, 0.2857,
0.3129

■ 206.2359, 0.3057,
0.3250

■ 1.3549, 0.2762,
0.3070

■ 251.0403, 0.3062,

■ 0.1831, 0.1598,

0.3252

0.2415

301.9048, 0.3066,
0.3255

0.0000, 0.0000,
0.0000

43.1465, 0.3010,
0.3222

43.1465, 0.3010,
0.3222

38.7966, 0.2856,
0.3126

47.9005, 0.3162,
0.3309

34.8320, 0.2703,
0.3020

53.0655, 0.3309,
0.3387

31.2407, 0.2554,
0.2905

58.6554, 0.3451,
0.3456

28.0075, 0.2411,
0.2782

64.6814, 0.3587,
0.3517

25.1161, 0.2280,
0.2653

70.3954, 0.3684,
0.3574

■ 22.5487, 0.2163,
0.2520

■ 73.6369, 0.3666,
0.3639

■ 20.2852, 0.2064,
0.2384

■ 77.0084, 0.3648,
0.3702

■ 18.3025, 0.1985,
0.2249

■ 80.5116, 0.3630,
0.3765

■ 16.5663, 0.1925,
0.2116

■ 84.1477, 0.3613,
0.3827

Harmonies

Analogous

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



43.1465, 0.3019, 0.3271



43.1465, 0.3010, 0.3222



43.1465, 0.3032, 0.3192

Triad

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



43.1465, 0.3010, 0.3222



43.1465, 0.3198, 0.3254



43.1465, 0.3174, 0.3395

Complementary

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



43.1465, 0.3010, 0.3222



42.6366, 0.3251, 0.3357

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.



43.1465, 0.3223, 0.3389



43.1465, 0.3010, 0.3222



43.1465, 0.3237, 0.3308

Square

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



43.1465, 0.3010, 0.3222



43.1465, 0.3141, 0.3211



43.1465, 0.3246, 0.3357



43.1465, 0.3113, 0.3372

Rectangle

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



43.1465, 0.3010, 0.3222



43.1465, 0.3062, 0.3186



43.1465, 0.3246, 0.3357



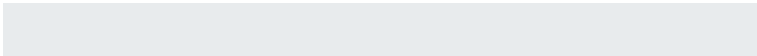
43.1465, 0.3192, 0.3396

Sweetspot

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



43.1483, 0.3010, 0.3222



83.0312, 0.3096, 0.3273



44.7881, 0.3080, 0.3414



18.3592, 0.3098, 0.3274



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.



43.1483, 0.3010, 0.3222



77.0490, 0.2988, 0.3209



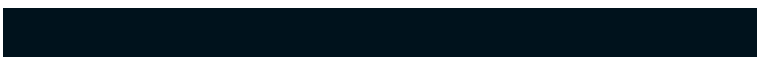
40.4726, 0.3010, 0.3126



9.6596, 0.2985, 0.3207



11.5629, 0.1917, 0.2101



0.5197, 0.2012, 0.2443

Inverse Universe

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



41.1109, 0.3178, 0.3170



72.7322, 0.3189, 0.3147



45.3699, 0.3242, 0.3449



9.1071, 0.3190, 0.3144



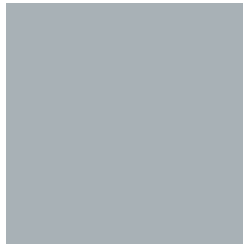
7.9496, 0.4340, 0.2165



0.2916, 0.3979, 0.1966

Previews

White Background



This preview shows how the Yxy color 43.1465, 0.3010, 0.3222 looks on a white background.

Color Contrast Check

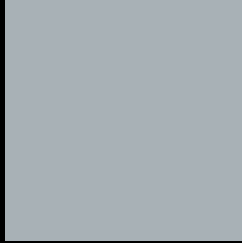
Large Text (above 18pt) WCAG AA × Fail

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 43.1465, 0.3010, 0.3222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

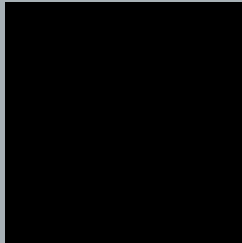
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

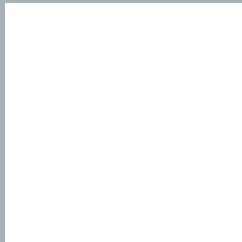
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.1465, 0.3010, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 43.1465, 0.3010, 0.3222.



This preview shows how white text looks on a background with the Yxy color 43.1465, 0.3010, 0.3222.

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

43.1465, 0.3010, 0.3222

Protanopia

42.9145, 0.3104, 0.3210

Deuteranopia

42.9872, 0.3189, 0.3122



Tritanopia

43.2034, 0.2957, 0.3102

Trichromacy



Original Color

43.1465, 0.3010, 0.3222

Protanomaly

42.9948, 0.3070, 0.3209

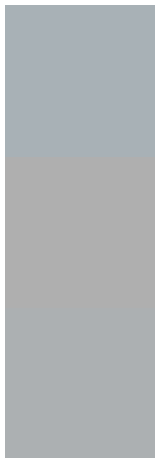
Deuteranomaly

43.1298, 0.3116, 0.3158

Tritanomaly

43.0735, 0.2980, 0.3142

Monochromacy



Original Color

43.1465, 0.3010, 0.3222

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.0357, 0.3076, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1465, 0.3010, 0.3222 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, 177, 182)` looks like.

```
.text, #text, p{  
    color:rgb(168, 177, 182)  
}
```

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, 177, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 177, 182) }
```

Border

The CSS property to change the border of an element to Yxy 43.1465, 0.3010, 0.3222 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, 177, 182) }
```

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

```
.border{ border-color:rgb(168, 177, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 177, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 177, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 177, 182);  
box-shadow:4px 4px 4px 4px rgb(168, 177,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1465, 0.3010, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 177, 182) }
```

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

```
.background{ background-color: rgb(168,  
177, 182) }
```

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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