

Converting Colors

$Yxy(43.4085, 0.2981, 0.3200)$

Have a look what the booklet for
Yxy(43.4085, 0.2981, 0.3200)
contains.

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Color

Yxy(43.5170, 0.2987, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	A7B2B8
RGB	167, 178, 184
RGB Percent	65%, 70%, 72%
CMY	0.3448, 0.3020, 0.2784
CMYK	0.09, 0.03, 0.00, 0.28
HSL	201°, 11%, 69%
HSV	201°, 9%, 72%
XYZ	40.5191, 43.5170, 51.6154
YIQ	175.3950, -8.4820, -0.4660

Conversions

Conversions Part 2

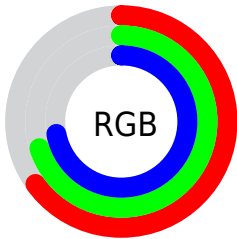
Format	Color
RYB	167, 174, 184
Decimal	10990264
CIELab	71.90, -2.59, -4.38
CIELCh	72, 5.093, 239.429
Yxy	43.5170, 0.2987, 0.3208
Android (android.graphics.Color)	4289180344 (0xFFA7B2B8)
YUV	175.3950, 4.2423, -7.3624
Hunter-Lab	65.9674, -5.8031, -0.2135

Details

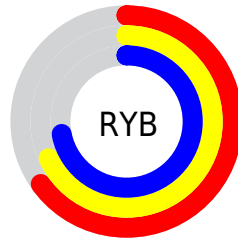
The Yxy color **43.5170, 0.2987, 0.3208** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.9047, 0.3277, 0.3371**, and the grayscale version is **43.0719, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.6665, 0.3011, 0.3227**, and **19.9508, 0.2946, 0.3177** is the 20% darker color. If you saturate the color by 10%, you get **39.1134, 0.2833, 0.3110**, and if you desaturate by 10%, it is **48.3336, 0.3139, 0.3297**.

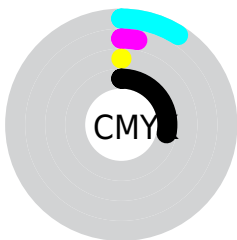
Distribution



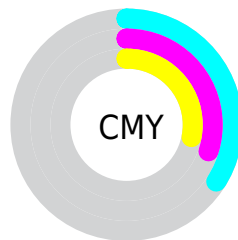
- Red (65%)
- Green (70%)
- Blue (72%)



- Red (65%)
- Yellow (68%)
- Blue (72%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (28%)



- Cyan (34%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.5170, 0.2987, 0.3208 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 43.5170, 0.2987, 0.3208 by changing the saturation by 10% instead.

■ 43.5170, 0.2987,
0.3208

■ 43.5170, 0.2987,
0.3208

360.7336, 0.3058,
0.3250

■ 30.2910, 0.2969,
0.3197

■ 80.4905, 0.3013,
0.3223

■ 20.0595, 0.2946,
0.3183

■ 105.0067, 0.3022,
0.3229

■ 12.4383, 0.2915,
0.3165

134.0551, 0.3031,
0.3234

■ 7.0429, 0.2872,
0.3138

168.0200, 0.3038,
0.3238

■ 3.4890, 0.2806,
0.3097

207.2860, 0.3044,
0.3242

■ 1.3920, 0.2694,
0.3026

252.2373, 0.3049,

■ 0.2108, 0.1551,

0.3245

0.2385

303.2584, 0.3054,
0.3247

0.0000, 0.0000,
0.0000

43.5170, 0.2987,
0.3208

43.5170, 0.2987,
0.3208

39.1134, 0.2833,
0.3110

48.3336, 0.3139,
0.3297

35.1036, 0.2680,
0.3002

53.5706, 0.3287,
0.3376

31.4748, 0.2531,
0.2886

59.2422, 0.3430,
0.3447

28.2115, 0.2390,
0.2762

65.3600, 0.3567,
0.3509

25.2966, 0.2261,
0.2632

71.1554, 0.3665,
0.3567

■ 22.7114, 0.2146,
0.2498

■ 74.4655, 0.3647,
0.3632

■ 20.4351, 0.2050,
0.2361

■ 77.9093, 0.3629,
0.3697

■ 18.4432, 0.1974,
0.2226

■ 81.4883, 0.3612,
0.3760

■ 16.6926, 0.1916,
0.2093

■ 85.2039, 0.3595,
0.3822

Harmonies

Analogous

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



43.5170, 0.2997, 0.3267



43.5170, 0.2987, 0.3208



43.5170, 0.3014, 0.3172

Triad

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



43.5170, 0.2987, 0.3208



43.5170, 0.3213, 0.3248



43.5170, 0.3183, 0.3416

Complementary

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



43.5170, 0.2987, 0.3208



42.9047, 0.3277, 0.3371

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.



43.5170, 0.3241, 0.3409



43.5170, 0.2987, 0.3208



43.5170, 0.3259, 0.3311

Square

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



43.5170, 0.2987, 0.3208



43.5170, 0.3144, 0.3195



43.5170, 0.3269, 0.3370



43.5170, 0.3109, 0.3388

Rectangle

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



43.5170, 0.2987, 0.3208



43.5170, 0.3049, 0.3166



43.5170, 0.3269, 0.3370



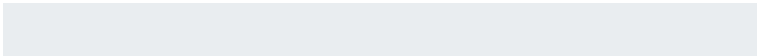
43.5170, 0.3205, 0.3417

Sweetspot

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



43.5188, 0.2987, 0.3208



84.1663, 0.3081, 0.3264



45.5240, 0.3071, 0.3440



17.9923, 0.3069, 0.3257



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.



43.5188, 0.2987, 0.3208



77.2456, 0.2957, 0.3189



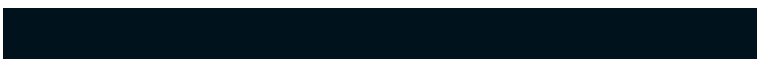
40.2859, 0.2986, 0.3093



9.6589, 0.2985, 0.3207



11.5491, 0.1917, 0.2099



0.5193, 0.2012, 0.2442

Inverse Universe

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



41.0666, 0.3189, 0.3146



71.9606, 0.3204, 0.3114



46.2218, 0.3265, 0.3480



9.1071, 0.3190, 0.3144



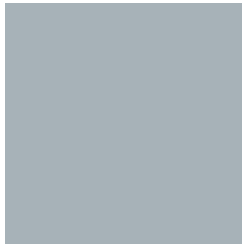
7.9482, 0.4342, 0.2166



0.2915, 0.3981, 0.1966

Previews

White Background



This preview shows how the Yxy color 43.5170, 0.2987, 0.3208 looks on a white background.

Color Contrast Check

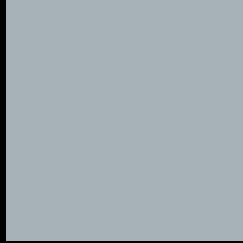
Large Text (above 18pt) WCAG AA × Fail

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 43.5170, 0.2987, 0.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

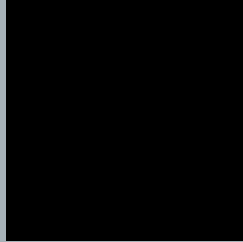
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

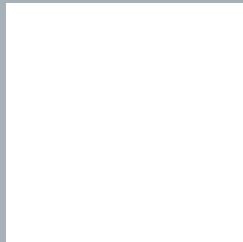
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.5170, 0.2987, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 43.5170, 0.2987, 0.3208.



This preview shows how white text looks on a background with the Yxy color 43.5170, 0.2987, 0.3208.

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

43.5170, 0.2987, 0.3208

Protanopia

43.3845, 0.3088, 0.3197

Deuteranopia

43.4474, 0.3171, 0.3110



Tritanopia

43.5307, 0.2941, 0.3102

Trichromacy



Original Color

43.5170, 0.2987, 0.3208

Protanomaly

43.3538, 0.3045, 0.3196

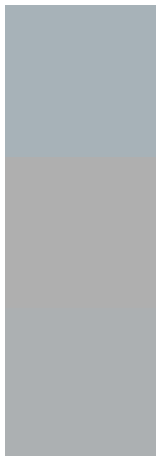
Deuteranomaly

43.5986, 0.3099, 0.3146

Tritanomaly

43.4000, 0.2964, 0.3142

Monochromacy



Original Color

43.5170, 0.2987, 0.3208

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 43.5170, 0.2987, 0.3208 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(167, 178, 184)` looks like.

```
.text, #text, p{  
    color:rgb(167, 178, 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(167, 178, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 178, 184) }
```

Border

The CSS property to change the border of an element to Yxy 43.5170, 0.2987, 0.3208 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(167, 178, 184) }
```

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

```
.border{ border-color:rgb(167, 178, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 178, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 178, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 178, 184);  
box-shadow:4px 4px 4px 4px rgb(167, 178,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5170, 0.2987, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 178, 184) }
```

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

```
.background{ background-color: rgb(167,  
178, 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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