

Converting Colors

$Y_{xy}(43.1386, 0.2805, 0.3126)$

Have a look what the booklet for
Yxy(43.1386, 0.2805, 0.3126)
contains.

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Color

Yxy(43.0276, 0.2802, 0.3123)

Conversions

Conversions Part 1

Format	Color
Hex	97B4C0
RGB	151, 180, 192
RGB Percent	59%, 71%, 75%
CMY	0.4077, 0.2941, 0.2470
CMYK	0.21, 0.06, 0.00, 0.25
HSL	198°, 25%, 67%
HSV	198°, 21%, 75%
XYZ	38.6050, 43.0276, 56.1439
YIQ	172.6970, -21.1360, -2.4160

Conversions

Conversions Part 2

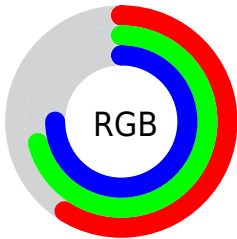
Format	Color
RYB	151, 168, 192
Decimal	9942208
CIELab	71.57, -7.19, -9.39
CIELCh	72, 11.823, 232.570
Yxy	43.0276, 0.2802, 0.3123
Android (android.graphics.Color)	4288132288 (0xFF97B4C0)
YUV	172.6970, 9.5164, -19.0283
Hunter-Lab	65.5954, -9.7391, -4.8302

Details

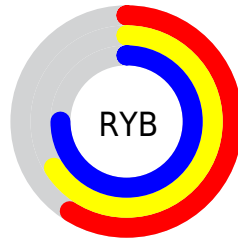
The Yxy color **43.0276, 0.2802, 0.3123** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.6602, 0.3519, 0.3451**, and the grayscale version is **41.5906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.8900, 0.2865, 0.3162**, and **19.6955, 0.2701, 0.3058** is the 20% darker color. If you saturate the color by 10%, you get **39.1106, 0.2653, 0.3033**, and if you desaturate by 10%, it is **47.3398, 0.2954, 0.3206**.

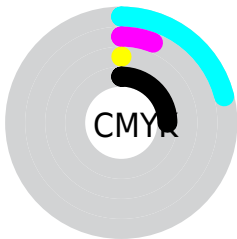
Distribution



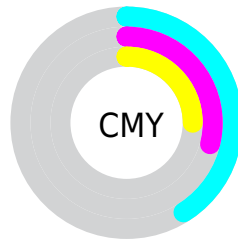
- Red (59%)
- Green (71%)
- Blue (75%)



- Red (59%)
- Yellow (66%)
- Blue (75%)



- Cyan (21%)
- Magenta (6%)
- Yellow (0%)
- Black (25%)



- Cyan (41%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.0276, 0.2802, 0.3123 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 43.0276, 0.2802, 0.3123 by changing the saturation by 10% instead.

■ 43.0276, 0.2802,
0.3123

■ 43.0276, 0.2802,
0.3123

■ 358.7253, 0.2965,
0.3209

■ 29.9068, 0.2761,
0.3101

■ 79.7525, 0.2861,
0.3155

■ 19.7678, 0.2709,
0.3072

■ 104.1254, 0.2884,
0.3167

■ 12.2264, 0.2639,
0.3032

■ 133.0177, 0.2902,
0.3177

■ 6.8981, 0.2541,
0.2975

■ 166.8139, 0.2919,
0.3185

■ 3.3984, 0.2395,
0.2887

■ 205.8984, 0.2933,
0.3192

■ 1.3431, 0.2155,
0.2734

■ 250.6555, 0.2945,

■ 0.1742, 0.0000,

0.3199

0.1708

301.4697, 0.2956,
0.3204

0.0000, 0.0000,
0.0000

43.0276, 0.2802,
0.3123

43.0276, 0.2802,
0.3123

39.1106, 0.2653,
0.3033

47.3398, 0.2954,
0.3206

35.5679, 0.2511,
0.2937

52.0564, 0.3107,
0.3281

32.3845, 0.2379,
0.2834

57.1930, 0.3258,
0.3348

29.5422, 0.2261,
0.2727

62.7624, 0.3405,
0.3408

27.0207, 0.2160,
0.2618

68.7771, 0.3547,
0.3461

■ 24.7969, 0.2077,
0.2507

■ 73.0520, 0.3597,
0.3515

■ 22.8435, 0.2014,
0.2397

■ 75.9489, 0.3583,
0.3571

■ 21.3252, 0.1973,
0.2302

■ 78.9453, 0.3570,
0.3627

■ 82.0422, 0.3556,
0.3682

Harmonies

Analogous

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



43.0276, 0.2844, 0.3268



43.0276, 0.2802, 0.3123



43.0276, 0.2844, 0.3029

Triad

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



43.0276, 0.2802, 0.3123



43.0276, 0.3293, 0.3161



43.0276, 0.3290, 0.3589

Complementary

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



43.0276, 0.2802, 0.3123



39.6602, 0.3519, 0.3451

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.



43.0276, 0.3416, 0.3551



43.0276, 0.2802, 0.3123



43.0276, 0.3418, 0.3301

Square

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



43.0276, 0.2802, 0.3123



43.0276, 0.3124, 0.3053



43.0276, 0.3464, 0.3444



43.0276, 0.3123, 0.3544

Rectangle

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



43.0276, 0.2802, 0.3123



43.0276, 0.2915, 0.3005



43.0276, 0.3464, 0.3444



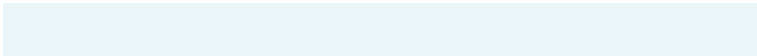
43.0276, 0.3339, 0.3586

Sweetspot

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



43.0294, 0.2802, 0.3123



90.1507, 0.3034, 0.3246



46.9187, 0.3016, 0.3705



19.2200, 0.3024, 0.3241



97.7402, 0.3127, 0.3290



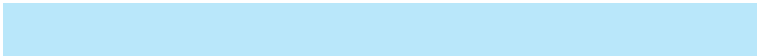
20.4902, 0.3127, 0.3290

Same Dimension

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



43.0294, 0.2802, 0.3123



74.2631, 0.2726, 0.3078



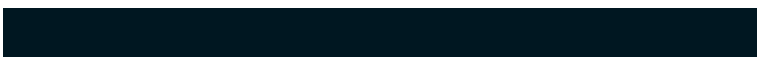
35.5044, 0.2782, 0.2835



10.9132, 0.2984, 0.3221



14.4882, 0.1977, 0.2316



0.7405, 0.2044, 0.2559

Inverse Universe

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



36.6508, 0.3264, 0.2914



60.7330, 0.3303, 0.2821



47.3655, 0.3467, 0.3707



10.1955, 0.3181, 0.3129



8.7448, 0.4110, 0.2038



0.3894, 0.3864, 0.1902

Previews

White Background



This preview shows how the Yxy color 43.0276, 0.2802, 0.3123 looks on a white background.

Color Contrast Check

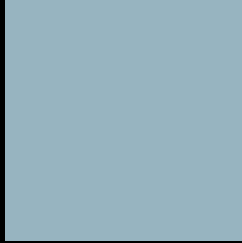
Large Text (above 18pt) WCAG AA × Fail

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 43.0276, 0.2802, 0.3123 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

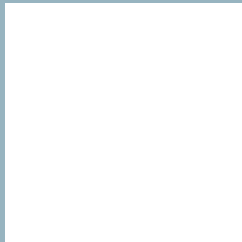
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.0276, 0.2802, 0.3123

Background



This preview shows how black text looks on a background with the Yxy color 43.0276, 0.2802, 0.3123.

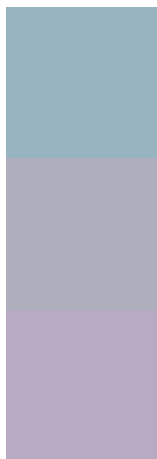


This preview shows how white text looks on a background with the Yxy color 43.0276, 0.2802, 0.3123.

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

43.0276, 0.2802, 0.3123

Protanopia

42.9016, 0.3014, 0.3104

Deuteranopia

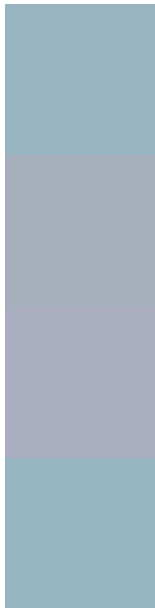
42.7118, 0.3045, 0.2980



Tritanopia

43.1169, 0.2788, 0.3096

Trichromacy



Original Color

43.0276, 0.2802, 0.3123

Protanomaly

42.8318, 0.2940, 0.3114

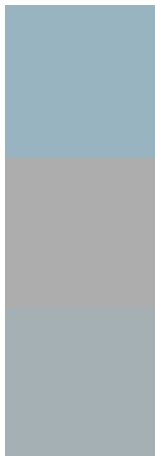
Deuteranomaly

42.7803, 0.2950, 0.3037

Tritanomaly

43.0721, 0.2795, 0.3110

Monochromacy



Original Color

43.0276, 0.2802, 0.3123

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.3453, 0.3001, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0276, 0.2802, 0.3123 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(151, 180, 192)` looks like.

```
.text, #text, p{  
    color:rgb(151, 180, 192)  
}
```

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(151, 180, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 180, 192) }
```

Border

The CSS property to change the border of an element to Yxy 43.0276, 0.2802, 0.3123 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(151, 180, 192) }
```

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

```
.border{ border-color:rgb(151, 180, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 180, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 180, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 180, 192);  
box-shadow:4px 4px 4px 4px rgb(151, 180,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0276, 0.2802, 0.3123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 180, 192) }
```

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

```
.background{ background-color: rgb(151,  
180, 192) }
```

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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