

Converting Colors

$Yxy(48.6797, 0.2957, 0.3138)$

Have a look what the booklet for
Yxy(48.6797, 0.2957, 0.3138)
contains.

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Color

Yxy(48.4251, 0.2956, 0.3135)

Conversions

Conversions Part 1

Format	Color
Hex	B0BAC6
RGB	176, 186, 198
RGB Percent	69%, 73%, 78%
CMY	0.3098, 0.2706, 0.2234
CMYK	0.11, 0.06, 0.00, 0.22
HSL	213°, 16%, 73%
HSV	213°, 11%, 78%
XYZ	45.6602, 48.4251, 60.3808
YIQ	184.3780, -9.8120, 1.6120

Conversions

Conversions Part 2

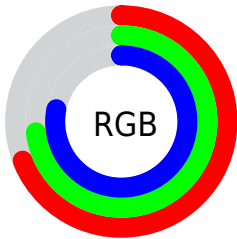
Format	Color
R _Y B	176, 183, 198
Decimal	11582150
CIE Lab	75.09, -1.04, -7.26
CIE LCh	75, 7.334, 261.810
Yxy	48.4251, 0.2956, 0.3135
Android (android.graphics.Color)	4289772230 (0xFFB0BAC6)
YUV	184.3780, 6.7156, -7.3475
Hunter-Lab	69.5881, -4.6567, -2.7335

Details

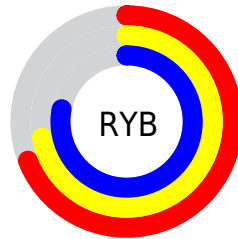
The Yxy color $48.4251, 0.2956, 0.3135$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $51.1264, 0.3306, 0.3440$, and the grayscale version is $48.1213, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.8801, 0.2987, 0.3159$, and $22.9996, 0.2907, 0.3096$ is the 20% darker color. If you saturate the color by 10%, you get $41.8976, 0.2795, 0.2979$, and if you desaturate by 10%, it is $55.6385, 0.3110, 0.3275$.

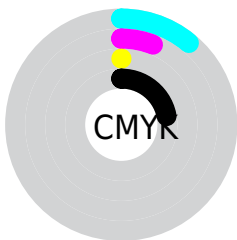
Distribution



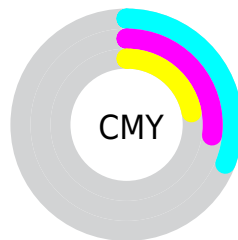
- Red (69%)
- Green (73%)
- Blue (78%)



- Red (69%)
- Yellow (72%)
- Blue (78%)



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)
- Black (22%)



- Cyan (31%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.4251, 0.2956, 0.3135 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 48.4251, 0.2956, 0.3135 by changing the saturation by 10% instead.

■ 48.4251, 0.2956,
0.3135

■ 48.4251, 0.2956,
0.3135

380.4747, 0.3041,
0.3212

■ 34.1637, 0.2935,
0.3116

■ 87.8370, 0.2987,
0.3163

■ 23.0194, 0.2908,
0.3091

113.7562, 0.2998,
0.3173

■ 14.6078, 0.2873,
0.3059

144.3302, 0.3008,
0.3182

■ 8.5446, 0.2824,
0.3014

179.9433, 0.3016,
0.3190

■ 4.4454, 0.2752,
0.2947

220.9799, 0.3024,
0.3197

■ 1.9257, 0.2636,
0.2839

267.8244, 0.3030,

■ 0.5637, 0.2315,

0.3202

0.2558

320.8612, 0.3036,
0.3208

0.0000, 0.0000,
0.0000

48.4251, 0.2956,
0.3135

48.4251, 0.2956,
0.3135

41.8976, 0.2795,
0.2979

55.6385, 0.3110,
0.3275

36.0278, 0.2629,
0.2806

63.5527, 0.3256,
0.3400

30.7943, 0.2462,
0.2618

72.1896, 0.3393,
0.3510

26.1721, 0.2299,
0.2418

81.5267, 0.3518,
0.3607

22.1342, 0.2145,
0.2209

87.7104, 0.3496,
0.3711

■ 18.6511, 0.2006,
0.1996

■ 94.2740, 0.3474,
0.3812

■ 15.6901, 0.1887,
0.1786

■ 96.8584, 0.3466,
0.3850

■ 13.2134, 0.1793,
0.1585

■ 11.3648, 0.1728,
0.1419

Harmonies

Analogous

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



48.4251, 0.2932, 0.3194



48.4251, 0.2956, 0.3135



48.4251, 0.3026, 0.3118

Triad

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



48.4251, 0.2956, 0.3135



48.4251, 0.3299, 0.3296



48.4251, 0.3128, 0.3441

Complementary

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



48.4251, 0.2956, 0.3135



51.1264, 0.3306, 0.3440

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.



48.4251, 0.3227, 0.3467



48.4251, 0.2956, 0.3135



48.4251, 0.3327, 0.3382

Square

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



48.4251, 0.2956, 0.3135



48.4251, 0.3224, 0.3210



48.4251, 0.3301, 0.3445



48.4251, 0.3030, 0.3372

Rectangle

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



48.4251, 0.2956, 0.3135



48.4251, 0.3089, 0.3132



48.4251, 0.3301, 0.3445



48.4251, 0.3163, 0.3455

Sweetspot

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



48.4271, 0.2956, 0.3135



95.9404, 0.3081, 0.3250



53.2510, 0.3030, 0.3421



20.3071, 0.3069, 0.3238



0.0000, 0.0000, 0.0000



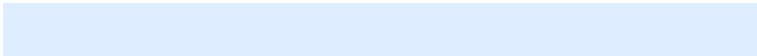
21.4041, 0.3127, 0.3290

Same Dimension

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



48.4271, 0.2956, 0.3135



83.2310, 0.2923, 0.3104



44.4505, 0.2960, 0.3004



11.0669, 0.2983, 0.3160



7.5552, 0.1734, 0.1443



0.5020, 0.1846, 0.1846

Inverse Universe

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



46.6092, 0.3239, 0.3166



79.5309, 0.3262, 0.3142



55.4442, 0.3285, 0.3562



10.7156, 0.3220, 0.3186



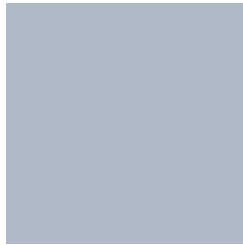
8.3027, 0.5134, 0.2602



0.4077, 0.4631, 0.2325

Previews

White Background



This preview shows how the Yxy color 48.4251, 0.2956, 0.3135 looks on a white background.

Color Contrast Check

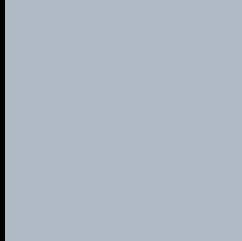
Large Text (above 18pt) WCAG AA × Fail

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 48.4251, 0.2956, 0.3135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

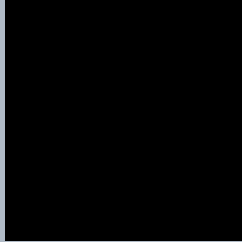
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

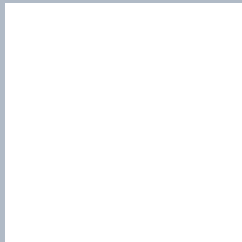
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.4251, 0.2956, 0.3135

Background



This preview shows how black text looks on a background with the Yxy color 48.4251, 0.2956, 0.3135.

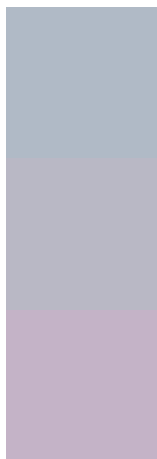


This preview shows how white text looks on a background with the Yxy color 48.4251, 0.2956, 0.3135.

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

48.4251, 0.2956, 0.3135

Protanopia

48.6265, 0.3036, 0.3126

Deuteranopia

48.0995, 0.3113, 0.3044



Tritanopia

48.5180, 0.2942, 0.3110

Trichromacy



Original Color

48.4251, 0.2956, 0.3135

Protanomaly

48.6742, 0.3011, 0.3137

Deuteranomaly

48.3982, 0.3054, 0.3077

Tritanomaly

48.4714, 0.2949, 0.3123

Monochromacy



Original Color

48.4251, 0.2956, 0.3135

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.1958, 0.3063, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4251, 0.2956, 0.3135 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(176, 186, 198)` looks like.

```
.text, #text, p{  
    color:rgb(176, 186, 198)  
}
```

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(176, 186, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 186, 198) }
```

Border

The CSS property to change the border of an element to Yxy 48.4251, 0.2956, 0.3135 is called "border". The border property can be set on classes, ids or directly on the HTML element.

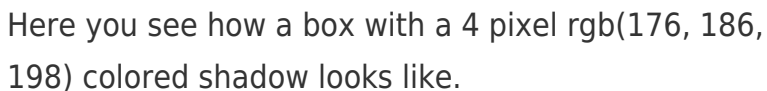
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 186, 198) }
```

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

```
.border{ border-color:rgb(176, 186, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 186, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 186, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 186, 198); box-shadow:4px 4px 4px 4px rgb(176, 186, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4251, 0.2956, 0.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 186, 198) }
```

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

```
.background{ background-color: rgb(176,  
186, 198) }
```

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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