

Converting Colors

$Yxy(42.5576, 0.2767, 0.3208)$

Have a look what the booklet for
Yxy(42.5576, 0.2767, 0.3208)
contains.

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Color

Yxy(42.3864, 0.2770, 0.3204)

Conversions

Conversions Part 1

Format	Color
Hex	8EB5BB
RGB	142, 181, 187
RGB Percent	56%, 71%, 73%
CMY	0.4432, 0.2902, 0.2667
CMYK	0.24, 0.03, 0.00, 0.27
HSL	188°, 25%, 65%
HSV	188°, 24%, 73%
XYZ	36.6449, 42.3864, 53.2608
YIQ	170.0230, -25.1700, -6.4020

Conversions

Conversions Part 2

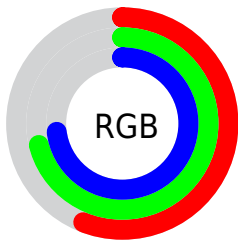
Format	Color
RYB	142, 163, 187
Decimal	9352635
CIELab	71.14, -11.68, -7.35
CIElCh	71, 13.797, 212.183
Yxy	42.3864, 0.2770, 0.3204
Android (android.graphics.Color)	4287542715 (0xFF8EB5BB)
YUV	170.0230, 8.3697, -24.5762
Hunter-Lab	65.1048, -13.4629, -2.9304

Details

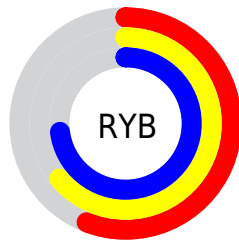
The Yxy color **42.3864, 0.2770, 0.3204** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.6841, 0.3602, 0.3374**, and the grayscale version is **40.1758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.9098, 0.2839, 0.3224**, and **19.3332, 0.2662, 0.3169** is the 20% darker color. If you saturate the color by 10%, you get **39.8686, 0.2634, 0.3163**, and if you desaturate by 10%, it is **45.2031, 0.2914, 0.3242**.

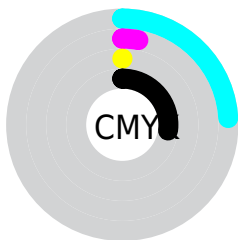
Distribution



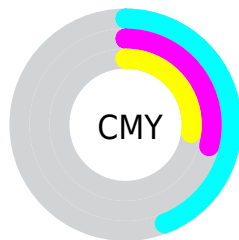
- Red (56%)
- Green (71%)
- Blue (73%)



- Red (56%)
- Yellow (64%)
- Blue (73%)



- Cyan (24%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)



- Cyan (44%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.3864, 0.2770, 0.3204 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 42.3864, 0.2770, 0.3204 by changing the saturation by 10% instead.

■ 42.3864, 0.2770,
0.3204

■ 42.3864, 0.2770,
0.3204

■ 356.0822, 0.2950,
0.3250

■ 29.4040, 0.2725,
0.3192

■ 78.7841, 0.2835,
0.3221

■ 19.3866, 0.2667,
0.3175

■ 102.9681, 0.2860,
0.3228

■ 11.9500, 0.2590,
0.3152

■ 131.6549, 0.2881,
0.3233

■ 6.7096, 0.2481,
0.3118

■ 165.2286, 0.2898,
0.3238

■ 3.2812, 0.2319,
0.3062

■ 204.0739, 0.2914,
0.3241

■ 1.2802, 0.2051,
0.2959

■ 248.5749, 0.2927,

■ 0.1258, 0.0000,

0.3245

0.1620

299.1163, 0.2939,
0.3248

0.0000, 0.0000,
0.0000

42.3864, 0.2770,
0.3204

42.3864, 0.2770,
0.3204

39.8686, 0.2634,
0.3163

45.2031, 0.2914,
0.3242

37.6307, 0.2511,
0.3121

48.3265, 0.3065,
0.3277

35.6593, 0.2402,
0.3076

51.7706, 0.3218,
0.3308

33.9376, 0.2310,
0.3030

55.5468, 0.3372,
0.3337

32.4472, 0.2236,
0.2983

59.6659, 0.3525,
0.3362

■ 31.1665, 0.2182,
0.2937

■ 64.1383, 0.3675,
0.3385

■ 30.0696, 0.2145,
0.2891

■ 65.4254, 0.3675,
0.3410

■ 29.4754, 0.2129,
0.2864

■ 66.5745, 0.3668,
0.3436

■ 67.7424, 0.3661,
0.3461

Harmonies

Analogous

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



42.3864, 0.2880, 0.3390



42.3864, 0.2770, 0.3204



42.3864, 0.2752, 0.3050

Triad

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



42.3864, 0.2770, 0.3204



42.3864, 0.3188, 0.3048



42.3864, 0.3427, 0.3620

Complementary

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



42.3864, 0.2770, 0.3204



33.6841, 0.3602, 0.3374

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.



42.3864, 0.3516, 0.3515



42.3864, 0.2770, 0.3204



42.3864, 0.3377, 0.3188

Square

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



42.3864, 0.2770, 0.3204



42.3864, 0.2989, 0.2967



42.3864, 0.3498, 0.3357



42.3864, 0.3257, 0.3636

Rectangle

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



42.3864, 0.2770, 0.3204



42.3864, 0.2795, 0.2985



42.3864, 0.3498, 0.3357



42.3864, 0.3467, 0.3594

Sweetspot

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



42.3881, 0.2770, 0.3204



84.7979, 0.3019, 0.3266



43.4013, 0.3057, 0.3879



18.5984, 0.3010, 0.3264



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.



42.3881, 0.2770, 0.3204



73.4227, 0.2696, 0.3182



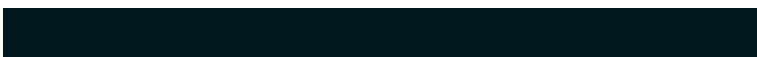
34.2127, 0.2744, 0.2883



10.5873, 0.2985, 0.3259



20.3859, 0.2130, 0.2869



0.8594, 0.2161, 0.2979

Inverse Universe

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



33.2394, 0.3213, 0.2773



54.3036, 0.3235, 0.2656



41.1678, 0.3535, 0.3666



9.6739, 0.3157, 0.3093



9.0877, 0.3571, 0.1741



0.3621, 0.3473, 0.1687

Previews

White Background



This preview shows how the Yxy color 42.3864, 0.2770, 0.3204 looks on a white background.

Color Contrast Check

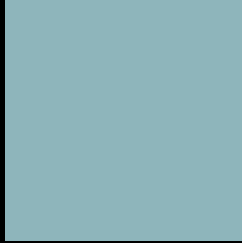
Large Text (above 18pt) WCAG AA × Fail

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 42.3864, 0.2770, 0.3204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

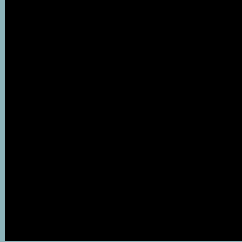
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

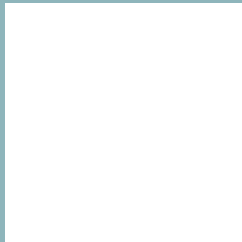
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.3864, 0.2770, 0.3204

Background



This preview shows how black text looks on a background with the Yxy color 42.3864, 0.2770, 0.3204.



This preview shows how white text looks on a background with the Yxy color 42.3864, 0.2770, 0.3204.

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

42.3864, 0.2770, 0.3204

Protanopia

42.2632, 0.3062, 0.3169

Deuteranopia

42.1609, 0.3078, 0.3017



Tritanopia

42.3772, 0.2729, 0.3093

Trichromacy



Original Color

42.3864, 0.2770, 0.3204

Protanomaly

42.1927, 0.2945, 0.3180

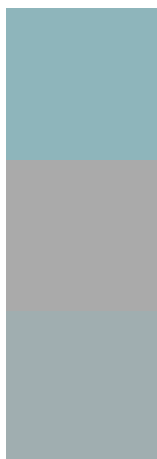
Deuteranomaly

41.8861, 0.2956, 0.3074

Tritanomaly

42.2437, 0.2749, 0.3134

Monochromacy



Original Color

42.3864, 0.2770, 0.3204

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.8803, 0.2989, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3864, 0.2770, 0.3204 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(142, 181, 187)` looks like.

```
.text, #text, p{  
    color:rgb(142, 181, 187)  
}
```

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(142, 181, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 181, 187) }
```

Border

The CSS property to change the border of an element to Yxy 42.3864, 0.2770, 0.3204 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(142, 181, 187) }
```

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

```
.border{ border-color:rgb(142, 181, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 181, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 181, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 181, 187);  
box-shadow:4px 4px 4px 4px rgb(142, 181,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3864, 0.2770, 0.3204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 181, 187) }
```

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

```
.background{ background-color: rgb(142,  
181, 187) }
```

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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