

Converting Colors

$Y_{xy}(42.8123, 0.2869, 0.3293)$

Have a look what the booklet for
Yxy(42.8123, 0.2869, 0.3293)
contains.

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Color

Yxy(42.7735, 0.2865, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	95B5B5
RGB	149, 181, 181
RGB Percent	58%, 71%, 71%
CMY	0.4157, 0.2902, 0.2901
CMYK	0.18, 0.00, 0.00, 0.29
HSL	180°, 18%, 65%
HSV	180°, 18%, 71%
XYZ	37.2594, 42.7735, 50.0173
YIQ	171.4320, -19.0720, -6.7840

Conversions

Conversions Part 2

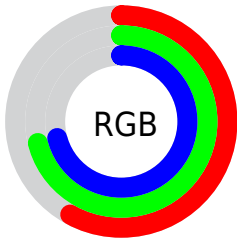
Format	Color
RYB	149, 165, 181
Decimal	9811381
CIELab	71.40, -10.79, -3.63
CIElCh	71, 11.388, 198.571
Yxy	42.7735, 0.2865, 0.3289
Android (android.graphics.Color)	4288001461 (0xFF95B5B5)
YUV	171.4320, 4.7170, -19.6729
Hunter-Lab	65.4015, -12.7606, 0.4376

Details

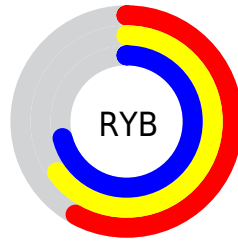
The Yxy color $42.7735, 0.2865, 0.3289$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $33.4939, 0.3462, 0.3291$, and the grayscale version is $40.9371, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.5202, 0.2915, 0.3289$, and $19.5935, 0.2795, 0.3289$ is the 20% darker color. If you saturate the color by 10%, you get $41.1996, 0.2731, 0.3289$, and if you desaturate by 10%, it is $44.6155, 0.3010, 0.3290$.

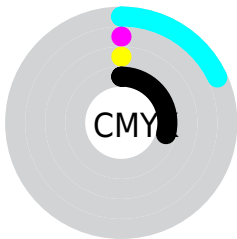
Distribution



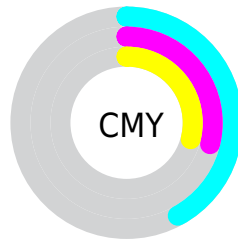
- Red (58%)
- Green (71%)
- Blue (71%)



- Red (58%)
- Yellow (65%)
- Blue (71%)



- Cyan (18%)
- Magenta (0%)
- Yellow (0%)
- Black (29%)



- Cyan (42%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.7735, 0.2865, 0.3289 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 42.7735, 0.2865, 0.3289 by changing the saturation by 10% instead.

■ 42.7735, 0.2865,
0.3289

■ 42.7735, 0.2865,
0.3289

■ 357.6795, 0.2997,
0.3291

■ 29.7074, 0.2832,
0.3288

■ 79.3690, 0.2913,
0.3290

■ 19.6166, 0.2789,
0.3287

■ 103.6671, 0.2931,
0.3290

■ 12.1167, 0.2731,
0.3285

■ 132.4781, 0.2947,
0.3290

■ 6.8232, 0.2650,
0.3281

■ 166.1864, 0.2960,
0.3291

■ 3.3518, 0.2527,
0.3273

■ 205.1762, 0.2971,
0.3291

■ 1.3180, 0.2321,
0.3255

■ 249.8321, 0.2981,

■ 0.1551, 0.0000,

0.3291

0.2686

300.5384, 0.2989,
0.3291

0.0000, 0.0000,
0.0000

42.7735, 0.2865,
0.3289

42.7735, 0.2865,
0.3289

41.1996, 0.2731,
0.3289

44.6155, 0.3010,
0.3290

39.8764, 0.2609,
0.3288

46.7318, 0.3163,
0.3290

38.7925, 0.2504,
0.3288

49.1349, 0.3321,
0.3291

37.9336, 0.2417,
0.3287

51.8348, 0.3481,
0.3291

37.2837, 0.2348,
0.3287

54.8414, 0.3640,
0.3292

■ 36.8251, 0.2298,
0.3287

■ 57.6659, 0.3775,
0.3292

■ 36.5367, 0.2266,
0.3286

■ 57.6692, 0.3775,
0.3292

■ 36.3866, 0.2249,
0.3286

■ 57.6726, 0.3775,
0.3292

■ 36.3588, 0.2246,
0.3286

■ 57.6759, 0.3775,
0.3293

Harmonies

Analogous

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



42.7735, 0.2985, 0.3437



42.7735, 0.2865, 0.3289



42.7735, 0.2814, 0.3145

Triad

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



42.7735, 0.2865, 0.3289



42.7735, 0.3102, 0.3052



42.7735, 0.3417, 0.3531

Complementary

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



42.7735, 0.2865, 0.3289



33.4939, 0.3462, 0.3291

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.



42.7735, 0.3451, 0.3422



42.7735, 0.2865, 0.3289



42.7735, 0.3267, 0.3149

Square

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



42.7735, 0.2865, 0.3289



42.7735, 0.2948, 0.3014



42.7735, 0.3396, 0.3282



42.7735, 0.3304, 0.3578

Rectangle

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



42.7735, 0.2865, 0.3289



42.7735, 0.2825, 0.3073



42.7735, 0.3396, 0.3282



42.7735, 0.3438, 0.3500

Sweetspot

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



42.7753, 0.2865, 0.3289



80.8272, 0.3049, 0.3290



41.6140, 0.3105, 0.3762



17.4151, 0.3039, 0.3290



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



42.7753, 0.2865, 0.3289



75.5061, 0.2814, 0.3289



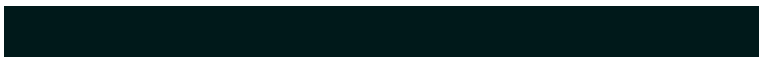
36.6389, 0.2853, 0.3058



9.6309, 0.2986, 0.3289



25.0599, 0.2246, 0.3286



0.7887, 0.2246, 0.3286

Inverse Universe

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



34.6559, 0.3148, 0.2859



58.4058, 0.3152, 0.2769



38.9085, 0.3425, 0.3512



8.6467, 0.3138, 0.3066



9.0699, 0.3210, 0.1542



0.2854, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 42.7735, 0.2865, 0.3289 looks on a white background.

Color Contrast Check

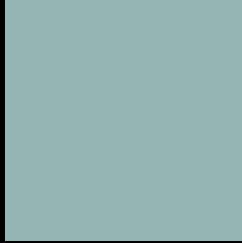
Large Text (above 18pt) WCAG AA × Fail

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 42.7735, 0.2865, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

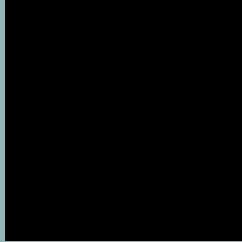
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

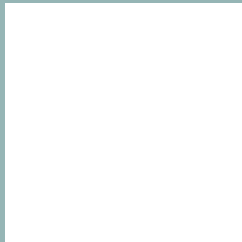
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.7735, 0.2865, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 42.7735, 0.2865, 0.3289.

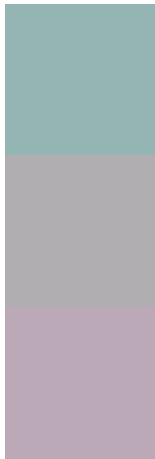


This preview shows how white text looks on a background with the Yxy color 42.7735, 0.2865, 0.3289.

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

42.7735, 0.2865, 0.3289

Protanopia

42.7935, 0.3129, 0.3250

Deuteranopia

42.3596, 0.3172, 0.3108



Tritanopia

42.6698, 0.2794, 0.3096

Trichromacy



Original Color

42.7735, 0.2865, 0.3289

Protanomaly

42.8741, 0.3033, 0.3276

Deuteranomaly

42.1488, 0.3054, 0.3169

Tritanomaly

42.8007, 0.2815, 0.3164

Monochromacy



Original Color

42.7735, 0.2865, 0.3289

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.5416, 0.3023, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7735, 0.2865, 0.3289 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(149, 181, 181)` looks like.

```
.text, #text, p{  
    color:rgb(149, 181, 181)  
}
```

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(149, 181, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 181, 181) }
```

Border

The CSS property to change the border of an element to Yxy 42.7735, 0.2865, 0.3289 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(149, 181, 181) }
```

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

```
.border{ border-color:rgb(149, 181, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 181, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 181, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 181, 181);  
box-shadow:4px 4px 4px 4px rgb(149, 181,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7735, 0.2865, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 181, 181) }
```

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

```
.background{ background-color: rgb(149,  
181, 181) }
```

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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