

Converting Colors

$Y_{xy}(43.4650, 0.2795, 0.3144)$

Have a look what the booklet for
Yxy(43.4650, 0.2795, 0.3144)
contains.

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Color

Yxy(43.3375, 0.2795, 0.3137)

Conversions

Conversions Part 1

Format	Color
Hex	96B5C0
RGB	150, 181, 192
RGB Percent	59%, 71%, 75%
CMY	0.4118, 0.2902, 0.2471
CMYK	0.22, 0.06, 0.00, 0.25
HSL	196°, 25%, 67%
HSV	196°, 22%, 75%
XYZ	38.6128, 43.3375, 56.1992
YIQ	172.9850, -22.0070, -3.1510

Conversions

Conversions Part 2

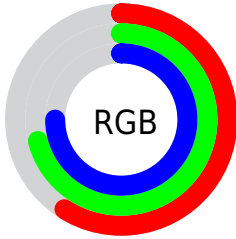
Format	Color
R _Y B	150, 168, 192
Decimal	9876928
CIE Lab	71.78, -8.07, -9.08
CIE LCh	72, 12.144, 228.387
Yxy	43.3375, 0.2795, 0.3137
Android (android.graphics.Color)	4288067008 (0xFF96B5C0)
YUV	172.9850, 9.3744, -20.1578
Hunter-Lab	65.8312, -10.5069, -4.5332

Details

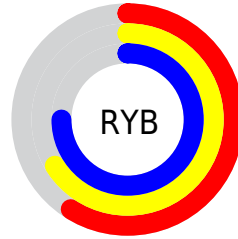
The Yxy color **43.3375, 0.2795, 0.3137** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.8877, 0.3535, 0.3438**, and the grayscale version is **41.7398, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.3248, 0.2859, 0.3172**, and **19.8991, 0.2693, 0.3077** is the 20% darker color. If you saturate the color by 10%, you get **39.6589, 0.2649, 0.3057**, and if you desaturate by 10%, it is **47.3917, 0.2946, 0.3211**.

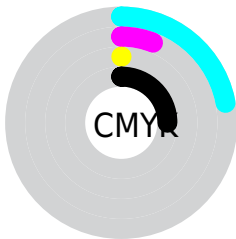
Distribution



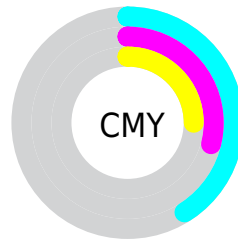
- Red (59%)
- Green (71%)
- Blue (75%)



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



- Cyan (22%)
- Magenta (6%)
- Yellow (0%)
- Black (25%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.3375, 0.2795, 0.3137 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 43.3375, 0.2795, 0.3137 by changing the saturation by 10% instead.

■ 43.3375, 0.2795,
0.3137

■ 43.3375, 0.2795,
0.3137

■ 359.9979, 0.2961,
0.3216

■ 30.1500, 0.2753,
0.3116

■ 80.2199, 0.2856,
0.3166

■ 19.9525, 0.2700,
0.3090

■ 104.6836, 0.2878,
0.3177

■ 12.3605, 0.2629,
0.3053

■ 133.6749, 0.2897,
0.3186

■ 6.9897, 0.2530,
0.3000

■ 167.5780, 0.2914,
0.3194

■ 3.4557, 0.2382,
0.2918

■ 206.7775, 0.2928,
0.3201

■ 1.3740, 0.2140,
0.2775

■ 251.6578, 0.2941,

■ 0.1974, 0.0000,

0.3207

0.1885

302.6031, 0.2952,
0.3212

0.0000, 0.0000,
0.0000

43.3375, 0.2795,
0.3137

43.3375, 0.2795,
0.3137

39.6589, 0.2649,
0.3057

47.3917, 0.2946,
0.3211

36.3352, 0.2510,
0.2971

51.8306, 0.3098,
0.3278

33.3519, 0.2383,
0.2880

56.6692, 0.3250,
0.3339

30.6907, 0.2270,
0.2786

61.9203, 0.3399,
0.3393

28.3318, 0.2174,
0.2689

67.5961, 0.3543,
0.3441

■ 26.2520, 0.2097,
0.2591

■ 71.7259, 0.3603,
0.3488

■ 24.4244, 0.2040,
0.2494

■ 74.2629, 0.3591,
0.3539

■ 23.0855, 0.2005,
0.2416

■ 76.8785, 0.3579,
0.3589

■ 79.5735, 0.3567,
0.3638

Harmonies

Analogous

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



43.3375, 0.2850, 0.3290



43.3375, 0.2795, 0.3137



43.3375, 0.2826, 0.3032

Triad

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



43.3375, 0.2795, 0.3137



43.3375, 0.3274, 0.3139



43.3375, 0.3316, 0.3597

Complementary

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



43.3375, 0.2795, 0.3137



38.8877, 0.3535, 0.3438

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.



43.3375, 0.3435, 0.3545



43.3375, 0.2795, 0.3137



43.3375, 0.3412, 0.3281

Square

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



43.3375, 0.2795, 0.3137



43.3375, 0.3099, 0.3037



43.3375, 0.3471, 0.3428



43.3375, 0.3147, 0.3562

Rectangle

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



43.3375, 0.2795, 0.3137



43.3375, 0.2892, 0.3000



43.3375, 0.3471, 0.3428



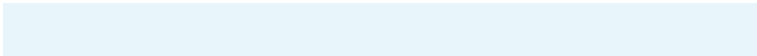
43.3375, 0.3363, 0.3588

Sweetspot

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



43.3393, 0.2795, 0.3137



89.6209, 0.3019, 0.3244



46.7370, 0.3024, 0.3737



19.1226, 0.3009, 0.3240



97.7402, 0.3127, 0.3290



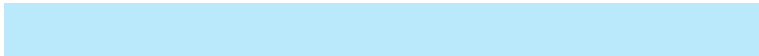
20.4902, 0.3127, 0.3290

Same Dimension

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



43.3393, 0.2795, 0.3137



75.4243, 0.2728, 0.3101



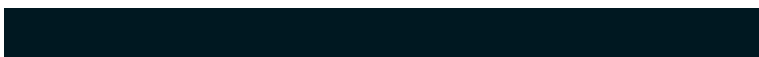
35.5978, 0.2774, 0.2842



10.9681, 0.2984, 0.3228



15.6658, 0.2008, 0.2428



0.7838, 0.2068, 0.2643

Inverse Universe

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



36.3492, 0.3255, 0.2887



60.8502, 0.3287, 0.2801



46.6578, 0.3480, 0.3701



10.2011, 0.3177, 0.3122



8.8637, 0.3994, 0.1974



0.3938, 0.3783, 0.1858

Previews

White Background



This preview shows how the Yxy color 43.3375, 0.2795, 0.3137 looks on a white background.

Color Contrast Check

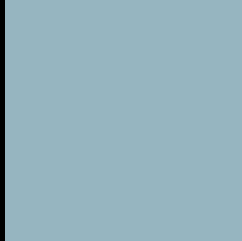
Large Text (above 18pt) WCAG AA × Fail

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 43.3375, 0.2795, 0.3137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

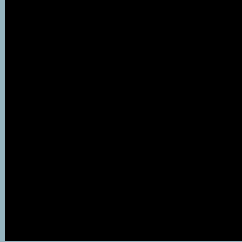
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

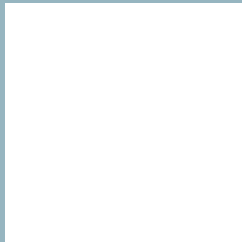
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.3375, 0.2795, 0.3137

Background



This preview shows how black text looks on a background with the Yxy color 43.3375, 0.2795, 0.3137.



This preview shows how white text looks on a background with the Yxy color 43.3375, 0.2795, 0.3137.

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

43.3375, 0.2795, 0.3137

Protanopia

43.0169, 0.3023, 0.3104

Deuteranopia

43.2112, 0.3053, 0.2994



Tritanopia

43.5672, 0.2782, 0.3097

Trichromacy



Original Color

43.3375, 0.2795, 0.3137

Protanomaly

43.2254, 0.2940, 0.3128

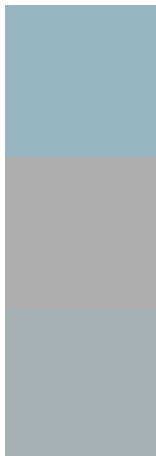
Deuteranomaly

43.2809, 0.2959, 0.3051

Tritanomaly

43.5221, 0.2789, 0.3110

Monochromacy



Original Color

43.3375, 0.2795, 0.3137

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 43.3375, 0.2795, 0.3137 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(150, 181, 192)` looks like.

```
.text, #text, p{  
    color:rgb(150, 181, 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(150, 181, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 181, 192) }
```

Border

The CSS property to change the border of an element to Yxy 43.3375, 0.2795, 0.3137 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(150, 181, 192) }
```

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

```
.border{ border-color:rgb(150, 181, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 181, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 181, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 181, 192);  
box-shadow:4px 4px 4px 4px rgb(150, 181,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3375, 0.2795, 0.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 181, 192) }
```

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

```
.background{ background-color: rgb(150,  
181, 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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