

Converting Colors

$Y_{xy}(43.3088, 0.2288, 0.2853)$

Have a look what the booklet for
Yxy(43.3088, 0.2288, 0.2853)
contains.

Yxy(43.4881, 0.2293, 0.2863)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.4881, 0.2293, 0.2863)

Conversions

Conversions Part 1

Format	Color
Hex	56BDDB
RGB	86, 189, 219
RGB Percent	34%, 74%, 86%
CMY	0.6623, 0.2589, 0.1412
CMYK	0.61, 0.14, 0.00, 0.14
HSL	194°, 65%, 60%
HSV	194°, 61%, 86%
XYZ	34.8300, 43.4881, 73.5789
YIQ	161.6230, -71.0180, -12.5060

Conversions

Conversions Part 2

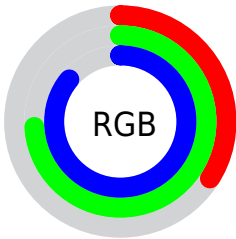
Format	Color
RYB	86, 144, 219
Decimal	5684699
CIELab	71.89, -21.01, -23.98
CIELCh	72, 31.885, 228.773
Yxy	43.4881, 0.2293, 0.2863
Android (android.graphics.Color)	4283874779 (0xFF56BDDB)
YUV	161.6230, 28.2869, -66.3214
Hunter-Lab	65.9455, -21.1276, -19.9911

Details

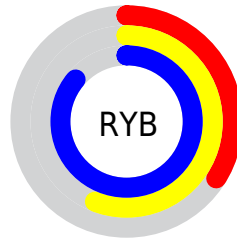
The Yxy color **43.4881, 0.2293, 0.2863** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **28.2579, 0.4780, 0.3635**, and the grayscale version is **35.8513, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.7279, 0.2530, 0.3175**, and **20.2887, 0.2095, 0.2741** is the 20% darker color. If you saturate the color by 10%, you get **40.5108, 0.2200, 0.2780**, and if you desaturate by 10%, it is **46.8597, 0.2403, 0.2944**.

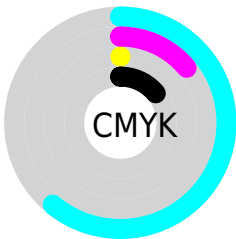
Distribution



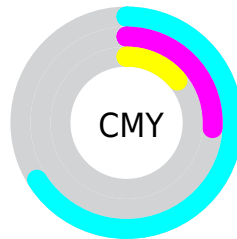
- Red (34%)
- Green (74%)
- Blue (86%)



- Red (34%)
- Yellow (56%)
- Blue (86%)



- Cyan (61%)
- Magenta (14%)
- Yellow (0%)
- Black (14%)




- Cyan (66%)
- Magenta (26%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4881, 0.2293, 0.2863 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 43.4881, 0.2293, 0.2863 by changing the saturation by 10% instead.


 43.4881, 0.2293,
0.2863

 43.4881, 0.2293,
0.2863


360.6152, 0.2700,
0.3087

 30.2683, 0.2196,
0.2805


 80.4469, 0.2438,
0.2946


 20.0423, 0.2074,
0.2729


 104.9547, 0.2493,
0.2977

 12.4258, 0.1917,
0.2626


 133.9939, 0.2540,
0.3003

 7.0344, 0.1710,
0.2482

 167.9489, 0.2581,
0.3025

 3.4836, 0.1425,
0.2267

207.2042, 0.2616,
0.3044

 1.3891, 0.1022,
0.1924

252.1440, 0.2647,

 0.2087, 0.0000,

0.3060

0.0852

303.1529, 0.2675,
0.3075

■ 0.0000, 0.0000,
0.0000

■ 43.4881, 0.2293,
0.2863

■ 43.4881, 0.2293,
0.2863

■ 40.5108, 0.2200,
0.2780

■ 46.8597, 0.2403,
0.2944

■ 37.8923, 0.2127,
0.2696

■ 50.6479, 0.2529,
0.3022

■ 35.5974, 0.2073,
0.2613

■ 54.8785, 0.2666,
0.3096

■ 33.6902, 0.2038,
0.2536

■ 59.5738, 0.2812,
0.3165

■ 64.7543, 0.2963,
0.3228

70.4391, 0.3117,
0.3286

76.6464, 0.3270,
0.3338

82.1731, 0.3376,
0.3386

84.9431, 0.3369,
0.3435

Harmonies

Analogous

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



43.4881, 0.2416, 0.3261



43.4881, 0.2293, 0.2863



43.4881, 0.2370, 0.2620

Triad

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



43.4881, 0.2293, 0.2863



43.4881, 0.3511, 0.2912



43.4881, 0.3596, 0.4108

Complementary

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



43.4881, 0.2293, 0.2863



28.2579, 0.4780, 0.3635

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.



43.4881, 0.3926, 0.3934



43.4881, 0.2293, 0.2863



43.4881, 0.3886, 0.3248

Square

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



43.4881, 0.2293, 0.2863



43.4881, 0.3047, 0.2667



43.4881, 0.4039, 0.3614



43.4881, 0.3154, 0.4037

Rectangle

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



43.4881, 0.2293, 0.2863



43.4881, 0.2528, 0.2560



43.4881, 0.4039, 0.3614



43.4881, 0.3724, 0.4073

Sweetspot

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



43.4897, 0.2293, 0.2863



85.8722, 0.2850, 0.3181



53.8859, 0.2906, 0.4852



17.9381, 0.2806, 0.3162



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.



43.4897, 0.2293, 0.2863



56.0438, 0.2177, 0.2755



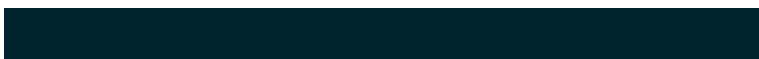
21.4578, 0.2068, 0.1863



14.3047, 0.2982, 0.3236



20.1469, 0.2041, 0.2548



1.4301, 0.2079, 0.2683

Inverse Universe

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



25.4100, 0.3537, 0.2154



30.2994, 0.3654, 0.2000



48.9273, 0.4233, 0.4361



13.2219, 0.3172, 0.3111



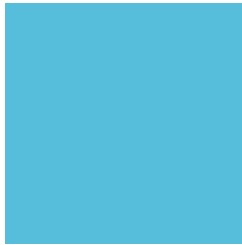
10.6576, 0.3875, 0.1908



0.7031, 0.3744, 0.1836

Previews

White Background



This preview shows how the Yxy color 43.4881, 0.2293, 0.2863 looks on a white background.

Color Contrast Check

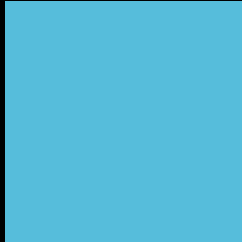
Large Text (above 18pt) WCAG AA × Fail

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 43.4881, 0.2293, 0.2863 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 43.4881, 0.2293, 0.2863

Background



This preview shows how black text looks on a background with the Yxy color 43.4881, 0.2293, 0.2863.

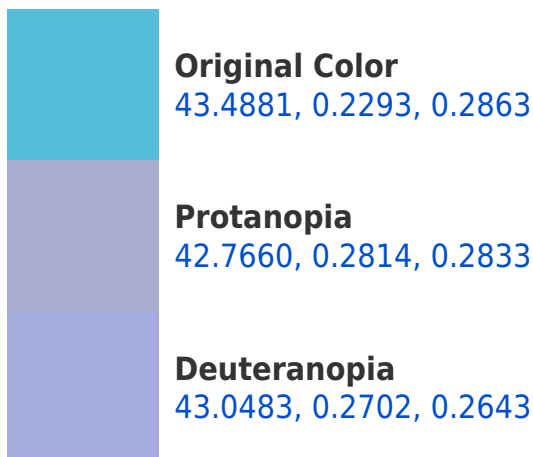


This preview shows how white text looks on a background with the Yxy color 43.4881, 0.2293, 0.2863.

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





Tritanopia

43.5159, 0.2336, 0.3054

Trichromacy



Original Color

43.4881, 0.2293, 0.2863

Protanomaly

42.3969, 0.2577, 0.2839

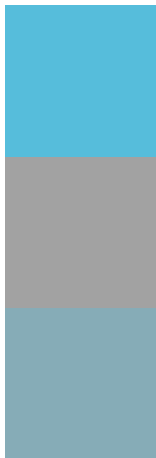
Deuteranomaly

42.5180, 0.2516, 0.2702

Tritanomaly

43.3691, 0.2322, 0.2984

Monochromacy



Original Color

43.4881, 0.2293, 0.2863

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

37.9923, 0.2727, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4881, 0.2293, 0.2863 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(86, 189, 219)` looks like.

```
.text, #text, p{  
    color:rgb(86, 189, 219)  
}
```

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(86, 189, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 189, 219) }
```

Border

The CSS property to change the border of an element to Yxy 43.4881, 0.2293, 0.2863 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(86, 189, 219) }
```

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

```
.border{ border-color:rgb(86, 189, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 189, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 189, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 189, 219);  
box-shadow:4px 4px 4px 4px rgb(86, 189,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4881, 0.2293, 0.2863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 189, 219) }
```

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

```
.background{ background-color: rgb(86, 189,  
219) }
```

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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