

Converting Colors

$Y_{xy}(43.2188, 0.2522, 0.3173)$

Have a look what the booklet for
Yxy(43.2188, 0.2522, 0.3173)
contains.

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Color

Yxy(43.2670, 0.2520, 0.3172)

Conversions

Conversions Part 1

Format	Color
Hex	6EBCC4
RGB	110, 188, 196
RGB Percent	43%, 74%, 77%
CMY	0.5688, 0.2627, 0.2314
CMYK	0.44, 0.04, 0.00, 0.23
HSL	186°, 42%, 60%
HSV	186°, 44%, 77%
XYZ	34.3735, 43.2670, 58.7624
YIQ	165.5900, -49.0560, -14.0480

Conversions

Conversions Part 2

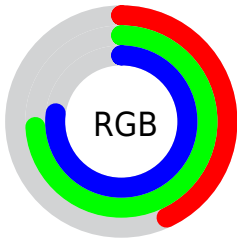
Format	Color
RYB	110, 151, 196
Decimal	7257284
CIELab	71.74, -21.94, -11.56
CIELCh	72, 24.802, 207.793
Yxy	43.2670, 0.2520, 0.3172
Android (android.graphics.Color)	4285447364 (0xFF6EBCC4)
YUV	165.5900, 14.9921, -48.7524
Hunter-Lab	65.7777, -21.8319, -6.9223

Details

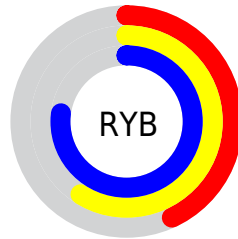
The Yxy color **43.2670, 0.2520, 0.3172** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **25.8063, 0.4223, 0.3400**, and the grayscale version is **37.8661, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9002, 0.2626, 0.3188**, and **20.0378, 0.2356, 0.3145** is the 20% darker color. If you saturate the color by 10%, you get **41.3752, 0.2415, 0.3141**, and if you desaturate by 10%, it is **45.4500, 0.2640, 0.3202**.

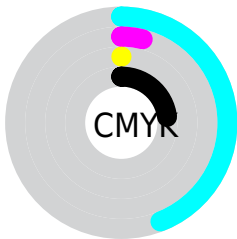
Distribution



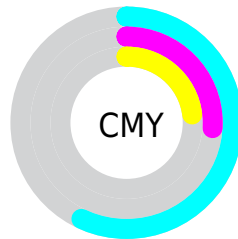
- Red (43%)
- Green (74%)
- Blue (77%)



- Red (43%)
- Yellow (59%)
- Blue (77%)



- Cyan (44%)
- Magenta (4%)
- Yellow (0%)
- Black (23%)





- Cyan (57%)
- Magenta (26%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.2670, 0.2520, 0.3172 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 43.2670, 0.2520, 0.3172 by changing the saturation by 10% instead.


 43.2670, 0.2520,
0.3172

 43.2670, 0.2520,
0.3172


359.7087, 0.2821,
0.3238

 30.0947, 0.2446,
0.3153


 80.1136, 0.2629,
0.3198

 19.9105, 0.2352,
0.3128


 104.5567, 0.2670,
0.3207

 12.3300, 0.2228,
0.3091


 133.5255, 0.2704,
0.3215

 6.9688, 0.2058,
0.3037

167.4043, 0.2734,
0.3221

 3.4426, 0.1813,
0.2946

206.5777, 0.2760,
0.3226

 1.3669, 0.1422,
0.2780

251.4299, 0.2783,

 0.1922, 0.0000,

0.3231

0.1587

302.3455, 0.2803,
0.3235

0.0000, 0.0000,
0.0000

43.2670, 0.2520,
0.3172

43.2670, 0.2520,
0.3172

41.3752, 0.2415,
0.3141

45.4500, 0.2640,
0.3202

39.7509, 0.2328,
0.3109

47.9359, 0.2774,
0.3230

38.3751, 0.2260,
0.3077

50.7421, 0.2917,
0.3257

37.2236, 0.2210,
0.3046


53.8830, 0.3067,
0.3281

36.2675, 0.2179,
0.3014

57.3721, 0.3222,
0.3303

 35.7463, 0.2165,
0.2995

 61.2223, 0.3378,
0.3323

 65.4456, 0.3533,
0.3341

 67.7540, 0.3592,
0.3359

 68.6162, 0.3588,
0.3378

Harmonies

Analogous

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



43.2670, 0.2727, 0.3516



43.2670, 0.2520, 0.3172



43.2670, 0.2467, 0.2888

Triad

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



43.2670, 0.2520, 0.3172



43.2670, 0.3177, 0.2843



43.2670, 0.3692, 0.3855

Complementary

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



43.2670, 0.2520, 0.3172



25.8063, 0.4223, 0.3400

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.



43.2670, 0.3832, 0.3637



43.2670, 0.2520, 0.3172



43.2670, 0.3528, 0.3068

Square

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



43.2670, 0.2520, 0.3172



43.2670, 0.2831, 0.2721



43.2670, 0.3773, 0.3352



43.2670, 0.3401, 0.3927

Rectangle

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



43.2670, 0.2520, 0.3172



43.2670, 0.2523, 0.2768



43.2670, 0.3773, 0.3352



43.2670, 0.3759, 0.3795

Sweetspot

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



43.2687, 0.2520, 0.3172



92.2977, 0.2927, 0.3258



44.0792, 0.3020, 0.4531



19.4985, 0.2894, 0.3253



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.



43.2687, 0.2520, 0.3172



74.9753, 0.2416, 0.3141



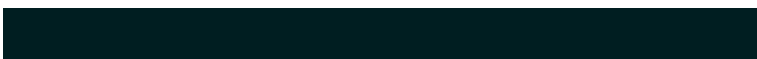
27.7979, 0.2408, 0.2513



11.2634, 0.2984, 0.3268



23.0364, 0.2167, 0.2999



1.0428, 0.2186, 0.3069

Inverse Universe

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



26.5110, 0.3263, 0.2312



41.0948, 0.3300, 0.2118



38.0544, 0.3964, 0.3952



10.2309, 0.3152, 0.3084



9.6078, 0.3455, 0.1677



0.4199, 0.3394, 0.1643

Previews

White Background



This preview shows how the Yxy color 43.2670, 0.2520, 0.3172 looks on a white background.

Color Contrast Check

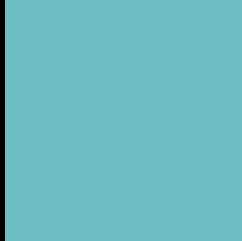
Large Text (above 18pt) WCAG AA × Fail

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 43.2670, 0.2520, 0.3172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

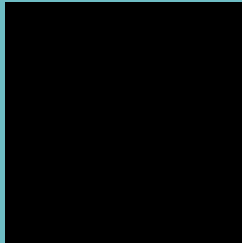
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.2670, 0.2520, 0.3172

Background



This preview shows how black text looks on a background with the Yxy color 43.2670, 0.2520, 0.3172.

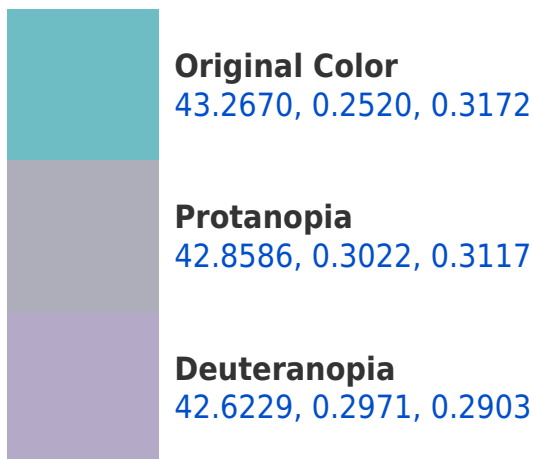


This preview shows how white text looks on a background with the Yxy color 43.2670, 0.2520, 0.3172.

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

43.2497, 0.2495, 0.3073

Trichromacy



Original Color

43.2670, 0.2520, 0.3172

Protanomaly

42.5372, 0.2815, 0.3136

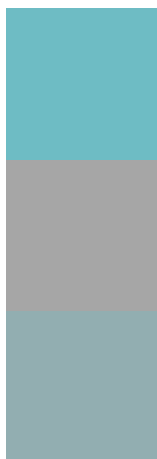
Deuteranomaly

42.5364, 0.2780, 0.2990

Tritanomaly

43.0903, 0.2501, 0.3101

Monochromacy



Original Color

43.2670, 0.2520, 0.3172

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

39.5574, 0.2866, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2670, 0.2520, 0.3172 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(110, 188, 196)` looks like.

```
.text, #text, p{  
    color:rgb(110, 188, 196)  
}
```

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(110, 188, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 188, 196) }
```

Border

The CSS property to change the border of an element to Yxy 43.2670, 0.2520, 0.3172 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(110, 188, 196) }
```

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

```
.border{ border-color:rgb(110, 188, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 188, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 188, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 188, 196);  
box-shadow:4px 4px 4px 4px rgb(110, 188,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2670, 0.2520, 0.3172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 188, 196) }
```

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

```
.background{ background-color: rgb(110,  
188, 196) }
```

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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