

Converting Colors

$Y_{xy}(43.0692, 0.2555, 0.3294)$

Have a look what the booklet for
Yxy(43.0692, 0.2555, 0.3294)
contains.

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Color

Yxy(43.2142, 0.2557, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	6CBDBC
RGB	108, 189, 188
RGB Percent	42%, 74%, 74%
CMY	0.5767, 0.2588, 0.2627
CMYK	0.43, 0.00, 0.01, 0.26
HSL	179°, 38%, 58%
HSV	179°, 43%, 74%
XYZ	33.4540, 43.2142, 54.1649
YIQ	164.6670, -47.9550, -17.4830

Conversions

Conversions Part 2

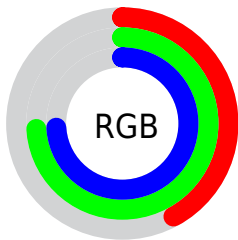
Format	Color
RYB	108, 149, 189
Decimal	7126460
CIELab	71.70, -24.99, -7.26
CIELCh	72, 26.026, 196.206
Yxy	43.2142, 0.2557, 0.3303
Android (android.graphics.Color)	4285316540 (0xFF6CBDBC)
YUV	164.6670, 11.5032, -49.6970
Hunter-Lab	65.7375, -24.2014, -2.8362

Details

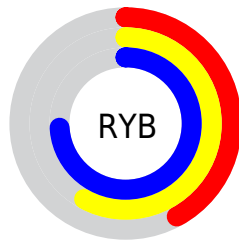
The Yxy color **43.2142, 0.2557, 0.3303** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **22.6335, 0.4217, 0.3279**, and the grayscale version is **37.4140, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.3357, 0.2662, 0.3311**, and **19.7810, 0.2394, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **42.1474, 0.2462, 0.3307**, and if you desaturate by 10%, it is **44.5412, 0.2669, 0.3300**.

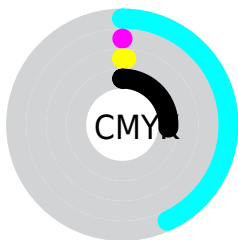
Distribution



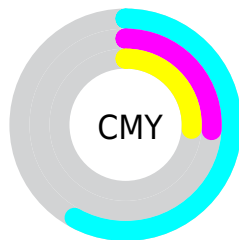
- Red (42%)
- Green (74%)
- Blue (74%)



- Red (42%)
- Yellow (58%)
- Blue (74%)



- Cyan (43%)
- Magenta (0%)
- Yellow (1%)
- Black (26%)





- Cyan (58%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2142, 0.2557, 0.3303 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 43.2142, 0.2557, 0.3303 by changing the saturation by 10% instead.


 43.2142, 0.2557,
0.3303


 43.2142, 0.2557,
0.3303


359.4919, 0.2841,
0.3302

 30.0532, 0.2487,
0.3302


 80.0340, 0.2660,
0.3304

 19.8790, 0.2397,
0.3299


 104.4616, 0.2699,
0.3304

 12.3071, 0.2278,
0.3293


 133.4135, 0.2731,
0.3304

 6.9532, 0.2114,
0.3281

 167.2742, 0.2760,
0.3303

 3.4328, 0.1875,
0.3255

206.4280, 0.2784,
0.3303

 1.3617, 0.1461,
0.3204

251.2592, 0.2805,

 0.1882, 0.0000,

0.3303

0.2089

302.1524, 0.2824,
0.3302

0.0000, 0.0000,
0.0000

43.2142, 0.2557,
0.3303

43.2142, 0.2557,
0.3303

42.1474, 0.2462,
0.3307

44.5412, 0.2669,
0.3300

41.3190, 0.2385,
0.3310

46.1387, 0.2796,
0.3296

40.7119, 0.2327,
0.3314


48.0223, 0.2935,
0.3293


40.3046, 0.2287,
0.3318


50.2053, 0.3083,
0.3291

40.0712, 0.2265,
0.3322

52.6998, 0.3237,
0.3288

 39.9753, 0.2257,
0.3325

 55.5176, 0.3395,
0.3286

 58.6696, 0.3553,
0.3284

 61.3725, 0.3676,
0.3283

 61.3826, 0.3674,
0.3280

Harmonies

Analogous

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



43.2142, 0.2826, 0.3660



43.2142, 0.2557, 0.3303



43.2142, 0.2437, 0.2969

Triad

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



43.2142, 0.2557, 0.3303



43.2142, 0.3032, 0.2758



43.2142, 0.3799, 0.3807

Complementary

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



43.2142, 0.2557, 0.3303



22.6335, 0.4217, 0.3279

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.



43.2142, 0.3870, 0.3541



43.2142, 0.2557, 0.3303



43.2142, 0.3412, 0.2956

Square

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



43.2142, 0.2557, 0.3303



43.2142, 0.2698, 0.2682



43.2142, 0.3726, 0.3235



43.2142, 0.3544, 0.3953

Rectangle

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



43.2142, 0.2557, 0.3303



43.2142, 0.2452, 0.2807



43.2142, 0.3726, 0.3235



43.2142, 0.3846, 0.3727

Sweetspot

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



43.2159, 0.2557, 0.3303



85.8830, 0.2931, 0.3294



40.7508, 0.3075, 0.4600



18.2993, 0.2899, 0.3294



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.



43.2159, 0.2557, 0.3303



75.6609, 0.2471, 0.3306



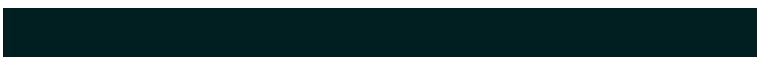
28.6147, 0.2449, 0.2671



10.8075, 0.2987, 0.3292



26.8937, 0.2257, 0.3324



1.0541, 0.2254, 0.3315

Inverse Universe

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



22.6335, 0.4217, 0.3279



34.1902, 0.4581, 0.3278



32.8065, 0.3986, 0.3830



9.5382, 0.3286, 0.3288



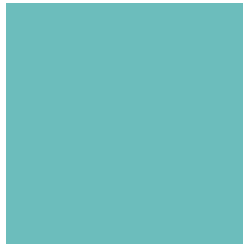
7.2835, 0.6385, 0.3291



0.2860, 0.6324, 0.3258

Previews

White Background



This preview shows how the Yxy color 43.2142, 0.2557, 0.3303 looks on a white background.

Color Contrast Check

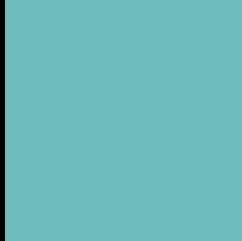
Large Text (above 18pt) WCAG AA × Fail

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 43.2142, 0.2557, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

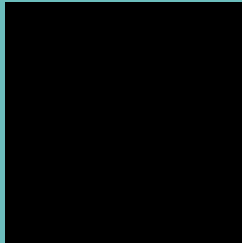
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

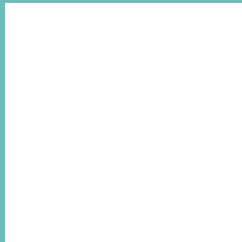
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.2142, 0.2557, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 43.2142, 0.2557, 0.3303.

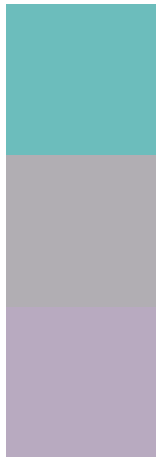


This preview shows how white text looks on a background with the Yxy color 43.2142, 0.2557, 0.3303.

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

43.2142, 0.2557, 0.3303

Protanopia

42.8739, 0.3113, 0.3223

Deuteranopia

42.7456, 0.3070, 0.3006



Tritanopia

43.2497, 0.2495, 0.3073

Trichromacy



Original Color

43.2142, 0.2557, 0.3303

Protanomaly

42.2930, 0.2880, 0.3247

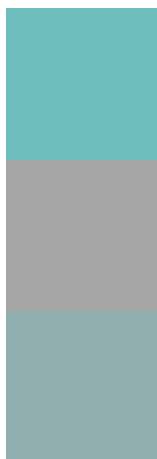
Deuteranomaly

42.2738, 0.2845, 0.3097

Tritanomaly

43.3772, 0.2520, 0.3158

Monochromacy



Original Color

43.2142, 0.2557, 0.3303

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

39.2185, 0.2880, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2142, 0.2557, 0.3303 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(108, 189, 188)` looks like.

```
.text, #text, p{  
    color:rgb(108, 189, 188)  
}
```

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(108, 189, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 189, 188) }
```

Border

The CSS property to change the border of an element to Yxy 43.2142, 0.2557, 0.3303 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(108, 189, 188) }
```

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

```
.border{ border-color:rgb(108, 189, 188) }
```

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

Here you see how a box with a 4 pixel rgb(108, 189, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 189, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 189, 188);  
box-shadow:4px 4px 4px 4px rgb(108, 189,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2142, 0.2557, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 189, 188) }
```

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

```
.background{ background-color: rgb(108,  
189, 188) }
```

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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