

Converting Colors

$Yxy(43.3254, 0.2673, 0.3453)$

Have a look what the booklet for
Yxy(43.3254, 0.2673, 0.3453)
contains.

Yxy(43.3915, 0.2671, 0.3452)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.3915, 0.2671, 0.3452)

Conversions

Conversions Part 1

Format	Color
Hex	75BDB2
RGB	117, 189, 178
RGB Percent	46%, 74%, 70%
CMY	0.5410, 0.2588, 0.3019
CMYK	0.38, 0.00, 0.06, 0.26
HSL	171°, 35%, 60%
HSV	171°, 38%, 74%
XYZ	33.5744, 43.3915, 48.7337
YIQ	166.2180, -39.3810, -18.6850

Conversions

Conversions Part 2

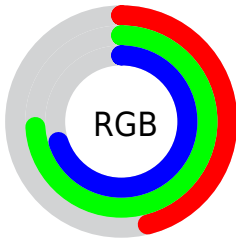
Format	Color
RYB	117, 156, 189
Decimal	7716274
CIELab	71.82, -25.09, -1.57
CIElCh	72, 25.135, 183.588
Yxy	43.3915, 0.2671, 0.3452
Android (android.graphics.Color)	4285906354 (0xFF75BDB2)
YUV	166.2180, 5.8085, -43.1642
Hunter-Lab	65.8722, -24.2969, 2.2465

Details

The Yxy color **43.3915, 0.2671, 0.3452** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **25.1086, 0.3907, 0.3139**, and the grayscale version is **38.2349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.6227, 0.2753, 0.3424**, and **19.8654, 0.2540, 0.3500** is the 20% darker color. If you saturate the color by 10%, you get **42.0984, 0.2579, 0.3502**, and if you desaturate by 10%, it is **44.9548, 0.2777, 0.3405**.

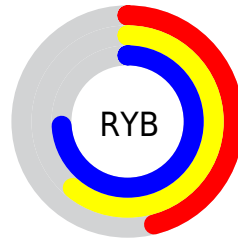
Distribution



Red (46%)

Green (74%)

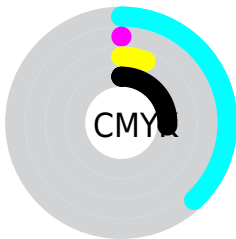
Blue (70%)



Red (46%)

Yellow (61%)

Blue (74%)

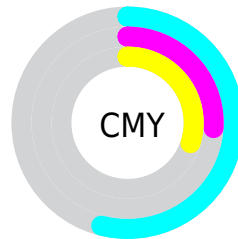


Cyan (38%)

Magenta (0%)

Yellow (6%)

Black (26%)



Cyan (54%)


Magenta (26%)


Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.3915, 0.2671, 0.3452 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 43.3915, 0.2671, 0.3452 by changing the saturation by 10% instead.

 43.3915, 0.2671,
0.3452


 43.3915, 0.2671,
0.3452


360.2193, 0.2900,
0.3372


 30.1924, 0.2613,
0.3472

 80.3013, 0.2755,
0.3423

 19.9847, 0.2539,
0.3497


 104.7808, 0.2786,
0.3412

 12.3839, 0.2441,
0.3530


 133.7893, 0.2812,
0.3403

 7.0057, 0.2303,
0.3576

167.7111, 0.2835,
0.3395

 3.4657, 0.2097,
0.3643

206.9306, 0.2855,
0.3388

 1.3794, 0.1722,
0.3763

251.8322, 0.2872,

 0.2015, 0.0000,

0.3382

0.3796

302.8003, 0.2887,
0.3376

■ 0.0000, 0.0000,
0.0000

■ 43.3915, 0.2671,
0.3452

■ 43.3915, 0.2671,
0.3452

■ 42.0984, 0.2579,
0.3502

■ 44.9548, 0.2777,
0.3405

■ 41.0544, 0.2503,
0.3554

■ 46.7978, 0.2895,
0.3361

■ 40.2433, 0.2445,
0.3607


■ 48.9358, 0.3021,
0.3320

■ 39.6451, 0.2406,
0.3661

■ 51.3815, 0.3153,
0.3283

■ 39.2363, 0.2386,
0.3715


■ 54.1469, 0.3288,
0.3250


 38.9804, 0.2383,
0.3768

 57.2434, 0.3424,
0.3220

 38.9374, 0.2383,
0.3779

 60.6816, 0.3558,
0.3194

 61.8748, 0.3581,
0.3166

 62.0119, 0.3557,
0.3136

Harmonies

Analogous

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



43.3915, 0.2978, 0.3765



43.3915, 0.2671, 0.3452



43.3915, 0.2490, 0.3107

Triad

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



43.3915, 0.2671, 0.3452



43.3915, 0.2890, 0.2729



43.3915, 0.3829, 0.3691

Complementary

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



43.3915, 0.2671, 0.3452



25.1086, 0.3907, 0.3139

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.



43.3915, 0.3809, 0.3410



43.3915, 0.2671, 0.3452



43.3915, 0.3249, 0.2875

Square

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



43.3915, 0.2671, 0.3452



43.3915, 0.2610, 0.2712



43.3915, 0.3592, 0.3118



43.3915, 0.3651, 0.3889

Rectangle

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



43.3915, 0.2671, 0.3452



43.3915, 0.2457, 0.2917



43.3915, 0.3592, 0.3118



43.3915, 0.3846, 0.3603

Sweetspot

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



43.3932, 0.2671, 0.3452



86.4020, 0.2981, 0.3332



42.3484, 0.3166, 0.4401



18.4671, 0.2964, 0.3338



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.



43.3932, 0.2671, 0.3452



75.6852, 0.2590, 0.3495



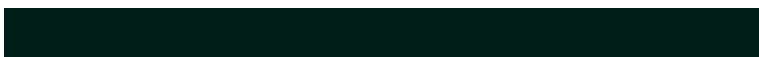
34.3724, 0.2551, 0.2924



10.7838, 0.3005, 0.3325



26.2085, 0.2381, 0.3772



1.0335, 0.2346, 0.3644

Inverse Universe

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



25.1086, 0.3907, 0.3139



38.1130, 0.4183, 0.3107



31.1604, 0.3923, 0.3625



9.5595, 0.3265, 0.3255



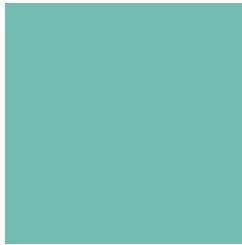
7.3457, 0.6166, 0.3171



0.2954, 0.5593, 0.2855

Previews

White Background



This preview shows how the Yxy color 43.3915, 0.2671, 0.3452 looks on a white background.

Color Contrast Check

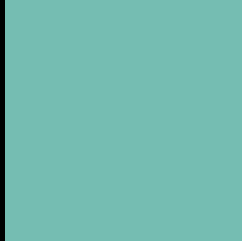
Large Text (above 18pt) WCAG AA × Fail

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 43.3915, 0.2671, 0.3452 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

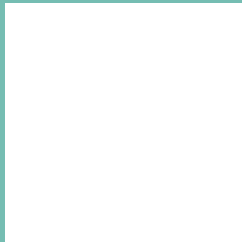
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.3915, 0.2671, 0.3452

Background



This preview shows how black text looks on a background with the Yxy color 43.3915, 0.2671, 0.3452.

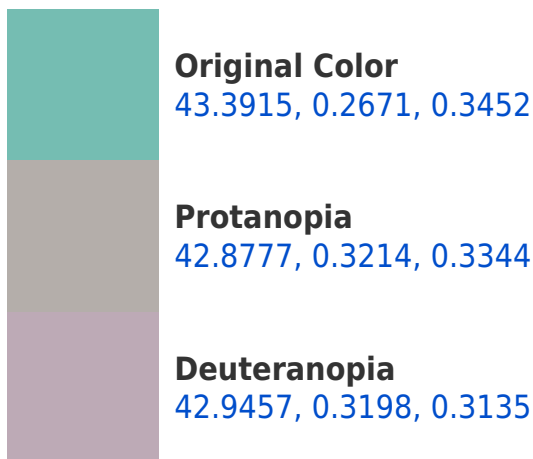


This preview shows how white text looks on a background with the Yxy color 43.3915, 0.2671, 0.3452.

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

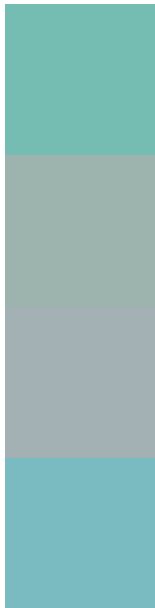




Tritanopia

43.5458, 0.2562, 0.3076

Trichromacy



Original Color

43.3915, 0.2671, 0.3452

Protanomaly

42.4254, 0.2988, 0.3374

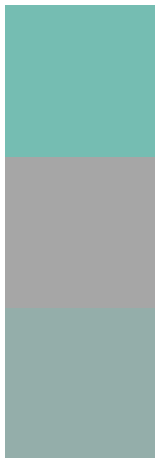
Deuteranomaly

42.5670, 0.2976, 0.3235

Tritanomaly

43.4559, 0.2600, 0.3202

Monochromacy



Original Color

43.3915, 0.2671, 0.3452

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

39.4703, 0.2935, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3915, 0.2671, 0.3452 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(117, 189, 178)` looks like.

```
.text, #text, p{  
    color:rgb(117, 189, 178)  
}
```

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(117, 189, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 189, 178) }
```

Border

The CSS property to change the border of an element to Yxy 43.3915, 0.2671, 0.3452 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(117, 189, 178) }
```

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

```
.border{ border-color:rgb(117, 189, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 189, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 189, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 189, 178);  
box-shadow:4px 4px 4px 4px rgb(117, 189,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3915, 0.2671, 0.3452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 189, 178) }
```

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

```
.background{ background-color: rgb(117,  
189, 178) }
```

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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