

Converting Colors

$Y_{xy}(43.3839, 0.2566, 0.3232)$

Have a look what the booklet for
Yxy(43.3839, 0.2566, 0.3232)
contains.

Yxy(43.3496, 0.2566, 0.3230)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.3496, 0.2566, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	72BCC0
RGB	114, 188, 192
RGB Percent	45%, 74%, 75%
CMY	0.5529, 0.2627, 0.2471
CMYK	0.41, 0.02, 0.00, 0.25
HSL	183°, 38%, 60%
HSV	183°, 41%, 75%
XYZ	34.4381, 43.3496, 56.4216
YIQ	166.3300, -45.3880, -14.4440

Conversions

Conversions Part 2

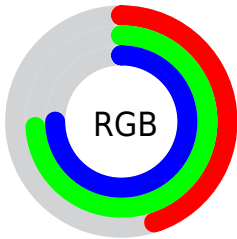
Format	Color
RYB	114, 152, 192
Decimal	7519424
CIELab	71.79, -21.96, -9.28
CIELCh	72, 23.837, 202.903
Yxy	43.3496, 0.2566, 0.3230
Android (android.graphics.Color)	4285709504 (0xFF72BCC0)
YUV	166.3300, 12.6553, -45.8934
Hunter-Lab	65.8404, -21.8556, -4.7200

Details

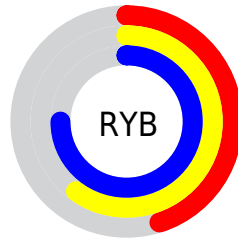
The Yxy color **43.3496, 0.2566, 0.3230** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **25.3820, 0.4123, 0.3348**, and the grayscale version is **38.2574, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0247, 0.2670, 0.3244**, and **20.1218, 0.2410, 0.3206** is the 20% darker color. If you saturate the color by 10%, you get **41.7766, 0.2460, 0.3213**, and if you desaturate by 10%, it is **45.1992, 0.2687, 0.3246**.

Distribution



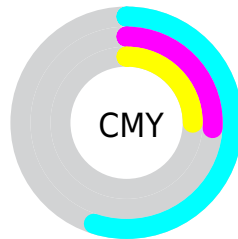
- Red (45%)
- Green (74%)
- Blue (75%)



- Red (45%)
- Yellow (60%)
- Blue (75%)



- Cyan (41%)
- Magenta (2%)
- Yellow (0%)
- Black (25%)





- Cyan (55%)
- Magenta (26%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3496, 0.2566, 0.3230 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 43.3496, 0.2566, 0.3230 by changing the saturation by 10% instead.


 43.3496, 0.2566,
0.3230


 43.3496, 0.2566,
0.3230

360.0475, 0.2845,
0.3266

 30.1595, 0.2497,
0.3219


 80.2382, 0.2667,
0.3245

 19.9597, 0.2409,
0.3204


 104.7054, 0.2705,
0.3250

 12.3657, 0.2293,
0.3182


 133.7005, 0.2737,
0.3254

 6.9933, 0.2133,
0.3147

167.6079, 0.2765,
0.3257

 3.4579, 0.1901,
0.3088

206.8118, 0.2789,
0.3260

 1.3752, 0.1523,
0.2973

251.6968, 0.2810,

 0.1983, 0.0000,

0.3262

0.1866

302.6473, 0.2828,
0.3264

0.0000, 0.0000,
0.0000

43.3496, 0.2566,
0.3230

43.3496, 0.2566,
0.3230

41.7766, 0.2460,
0.3213

45.1992, 0.2687,
0.3246

40.4579, 0.2372,
0.3196

47.3357, 0.2821,
0.3262

39.3763, 0.2303,
0.3179


49.7753, 0.2966,
0.3276


38.5101, 0.2253,
0.3162

52.5314, 0.3118,
0.3289

37.8336, 0.2220,
0.3145

55.6166, 0.3274,
0.3301

 37.3248, 0.2203,
0.3129

 59.0429, 0.3432,
0.3312

 62.8214, 0.3589,
0.3322

 64.4915, 0.3641,
0.3332

 64.9369, 0.3638,
0.3342

Harmonies

Analogous

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



43.3496, 0.2787, 0.3559



43.3496, 0.2566, 0.3230



43.3496, 0.2490, 0.2942

Triad

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



43.3496, 0.2566, 0.3230



43.3496, 0.3119, 0.2832



43.3496, 0.3703, 0.3807

Complementary

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



43.3496, 0.2566, 0.3230



25.3820, 0.4123, 0.3348

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.



43.3496, 0.3809, 0.3583



43.3496, 0.2566, 0.3230



43.3496, 0.3461, 0.3036

Square

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



43.3496, 0.2566, 0.3230



43.3496, 0.2795, 0.2735



43.3496, 0.3720, 0.3304



43.3496, 0.3443, 0.3902

Rectangle

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



43.3496, 0.2566, 0.3230



43.3496, 0.2526, 0.2811



43.3496, 0.3720, 0.3304



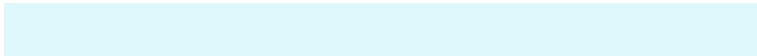
43.3496, 0.3759, 0.3743

Sweetspot

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



43.3513, 0.2566, 0.3230



89.4553, 0.2943, 0.3274



42.5843, 0.3044, 0.4462



19.0621, 0.2923, 0.3272



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.



43.3513, 0.2566, 0.3230



75.9150, 0.2469, 0.3215



28.9134, 0.2471, 0.2625



11.3370, 0.2984, 0.3278



25.1507, 0.2203, 0.3131



1.1143, 0.2214, 0.3169

Inverse Universe

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



26.8753, 0.3216, 0.2346



42.1091, 0.3238, 0.2154



36.5044, 0.3902, 0.3869



10.2383, 0.3145, 0.3075



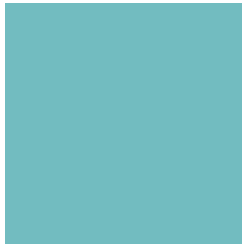
9.8212, 0.3340, 0.1614



0.4271, 0.3309, 0.1596

Previews

White Background



This preview shows how the Yxy color 43.3496, 0.2566, 0.3230 looks on a white background.

Color Contrast Check

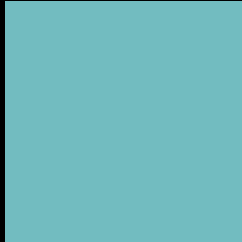
Large Text (above 18pt) WCAG AA × Fail

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 43.3496, 0.2566, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

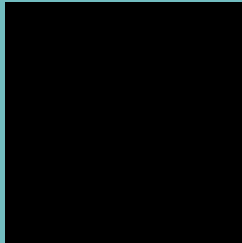
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.3496, 0.2566, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 43.3496, 0.2566, 0.3230.

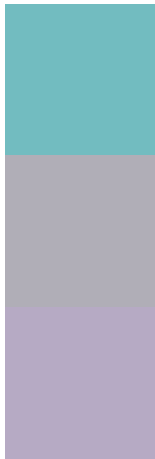


This preview shows how white text looks on a background with the Yxy color 43.3496, 0.2566, 0.3230.

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

43.3496, 0.2566, 0.3230

Protanopia

42.9211, 0.3071, 0.3170

Deuteranopia

42.6801, 0.3020, 0.2954



Tritanopia

43.5868, 0.2523, 0.3075

Trichromacy



Original Color

43.3496, 0.2566, 0.3230

Protanomaly

42.5577, 0.2859, 0.3192

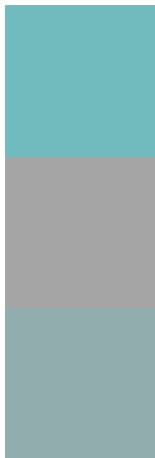
Deuteranomaly

42.5525, 0.2824, 0.3044

Tritanomaly

43.3309, 0.2540, 0.3130

Monochromacy



Original Color

43.3496, 0.2566, 0.3230

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

39.5703, 0.2889, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3496, 0.2566, 0.3230 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(114, 188, 192)` looks like.

```
.text, #text, p{  
    color:rgb(114, 188, 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(114, 188, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 188, 192) }
```

Border

The CSS property to change the border of an element to Yxy 43.3496, 0.2566, 0.3230 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(114, 188, 192) }
```

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

```
.border{ border-color:rgb(114, 188, 192) }
```

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

Here you see how a box with a 4 pixel rgb(114, 188, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 188, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 188, 192);  
box-shadow:4px 4px 4px 4px rgb(114, 188,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3496, 0.2566, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 188, 192) }
```

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

```
.background{ background-color: rgb(114,  
188, 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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