

Converting Colors

$Yxy(43.3563, 0.2688, 0.3289)$

Have a look what the booklet for
Yxy(43.3563, 0.2688, 0.3289)
contains.

Yxy(43.2522, 0.2686, 0.3289)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.2522, 0.2686, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	80BABA
RGB	128, 186, 186
RGB Percent	50%, 73%, 73%
CMY	0.4980, 0.2706, 0.2707
CMYK	0.31, 0.00, 0.00, 0.27
HSL	180°, 30%, 62%
HSV	180°, 31%, 73%
XYZ	35.3224, 43.2522, 52.9310
YIQ	168.6580, -34.5680, -12.2960

Conversions

Conversions Part 2

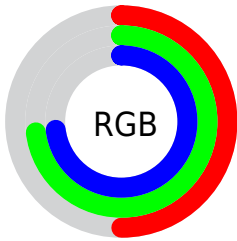
Format	Color
R _Y B	128, 157, 186
Decimal	8436410
CIE Lab	71.73, -18.65, -6.01
CIE LCh	72, 19.593, 197.854
Yxy	43.2522, 0.2686, 0.3289
Android (android.graphics.Color)	4286626490 (0xFF80BABA)
YUV	168.6580, 8.5496, -35.6571
Hunter-Lab	65.7664, -19.2208, -1.6821

Details

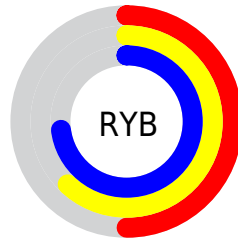
The Yxy color $43.2522, 0.2686, 0.3289$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $27.4381, 0.3823, 0.3292$, and the grayscale version is $39.4689, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.9823, 0.2768, 0.3289$, and $20.0050, 0.2565, 0.3288$ is the 20% darker color. If you saturate the color by 10%, you get $41.9410, 0.2570, 0.3289$, and if you desaturate by 10%, it is $44.8313, 0.2816, 0.3289$.

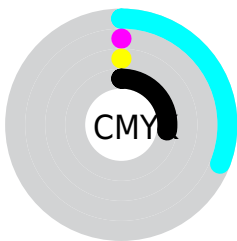
Distribution



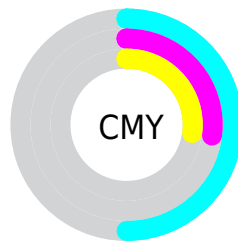
- Red (50%)
- Green (73%)
- Blue (73%)



- Red (50%)
- Yellow (62%)
- Blue (73%)



- Cyan (31%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)




- Cyan (50%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2522, 0.2686, 0.3289 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 43.2522, 0.2686, 0.3289 by changing the saturation by 10% instead.


 43.2522, 0.2686,
0.3289


 43.2522, 0.2686,
0.3289


359.6479, 0.2907,
0.3293

 30.0830, 0.2631,
0.3287


 80.0913, 0.2766,
0.3291

 19.9016, 0.2560,
0.3284


 104.5300, 0.2796,
0.3292

 12.3236, 0.2466,
0.3278


 133.4941, 0.2822,
0.3292

 6.9644, 0.2336,
0.3268

167.3679, 0.2844,
0.3292

 3.4399, 0.2142,
0.3248

206.5357, 0.2863,
0.3293

 1.3655, 0.1826,
0.3202

251.3821, 0.2879,

 0.1911, 0.0000,

0.3293

0.2333

302.2914, 0.2894,
0.3293

0.0000, 0.0000,
0.0000

43.2522, 0.2686,
0.3289

43.2522, 0.2686,
0.3289

41.9410, 0.2570,
0.3289

44.8313, 0.2816,
0.3289

40.8780, 0.2471,
0.3289

46.6863, 0.2958,
0.3290

40.0491, 0.2390,
0.3289

48.8316, 0.3109,
0.3290


39.4366, 0.2328,
0.3288

51.2789, 0.3265,
0.3290

39.0203, 0.2285,
0.3288

54.0391, 0.3425,
0.3291


 38.7764, 0.2259,
0.3288

 57.1227, 0.3585,
0.3291

 38.6624, 0.2247,
0.3289

 59.9266, 0.3717,
0.3291

 59.9269, 0.3717,
0.3291

 59.9272, 0.3716,
0.3291

Harmonies

Analogous

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



43.2522, 0.2888, 0.3552



43.2522, 0.2686, 0.3289



43.2522, 0.2599, 0.3041

Triad

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



43.2522, 0.2686, 0.3289



43.2522, 0.3074, 0.2888



43.2522, 0.3627, 0.3694

Complementary

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



43.2522, 0.2686, 0.3289



27.4381, 0.3823, 0.3292

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.



43.2522, 0.3686, 0.3500



43.2522, 0.2686, 0.3289



43.2522, 0.3358, 0.3046

Square

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



43.2522, 0.2686, 0.3289



43.2522, 0.2815, 0.2825



43.2522, 0.3586, 0.3265



43.2522, 0.3432, 0.3788

Rectangle

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



43.2522, 0.2686, 0.3289



43.2522, 0.2615, 0.2919



43.2522, 0.3586, 0.3265



43.2522, 0.3664, 0.3637

Sweetspot

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



43.2539, 0.2686, 0.3289



85.3641, 0.2988, 0.3290



41.3434, 0.3092, 0.4191



18.6796, 0.2967, 0.3290



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.



43.2539, 0.2686, 0.3289



76.8121, 0.2610, 0.3289



32.5786, 0.2637, 0.2865



10.2106, 0.2986, 0.3290



26.0092, 0.2247, 0.3289



0.9169, 0.2247, 0.3288

Inverse Universe

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



27.4381, 0.3823, 0.3292



43.8674, 0.4034, 0.3292



35.7879, 0.3706, 0.3680



9.0123, 0.3288, 0.3290



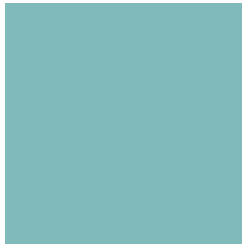
7.0232, 0.6400, 0.3299



0.2476, 0.6398, 0.3298

Previews

White Background



This preview shows how the Yxy color 43.2522, 0.2686, 0.3289 looks on a white background.

Color Contrast Check

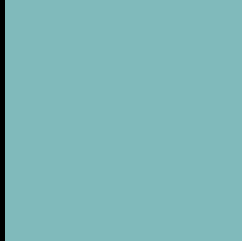
Large Text (above 18pt) WCAG AA × Fail

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 43.2522, 0.2686, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

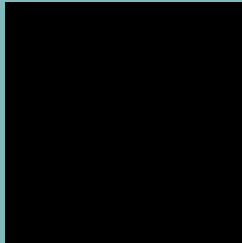
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

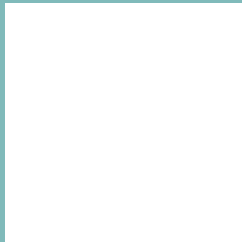
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.2522, 0.2686, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 43.2522, 0.2686, 0.3289.



This preview shows how white text looks on a background with the Yxy color 43.2522, 0.2686, 0.3289.

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

43.2522, 0.2686, 0.3289

Protanopia

42.8739, 0.3113, 0.3223

Deuteranopia

42.8627, 0.3112, 0.3045



Tritanopia

43.2298, 0.2620, 0.3077

Trichromacy



Original Color

43.2522, 0.2686, 0.3289

Protanomaly

42.5891, 0.2936, 0.3234

Deuteranomaly

42.6808, 0.2939, 0.3127

Tritanomaly

43.3388, 0.2647, 0.3161

Monochromacy



Original Color

43.2522, 0.2686, 0.3289

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.6251, 0.2947, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2522, 0.2686, 0.3289 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(128, 186, 186)` looks like.

```
.text, #text, p{  
    color:rgb(128, 186, 186)  
}
```

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(128, 186, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 186, 186) }
```

Border

The CSS property to change the border of an element to Yxy 43.2522, 0.2686, 0.3289 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(128, 186, 186) }
```

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

```
.border{ border-color:rgb(128, 186, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 186, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 186, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 186, 186);  
box-shadow:4px 4px 4px 4px rgb(128, 186,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2522, 0.2686, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 186, 186) }
```

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

```
.background{ background-color: rgb(128,  
186, 186) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor