

Converting Colors

$Yxy(44.8841, 0.2686, 0.3346)$

Have a look what the booklet for
Yxy(44.8841, 0.2686, 0.3346)
contains.

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Color

Yxy(44.8841, 0.2686, 0.3346)

Conversions

Conversions Part 1

Format	Color
Hex	7FBEBA
RGB	127, 190, 186
RGB Percent	50%, 75%, 73%
CMY	0.5019, 0.2549, 0.2705
CMYK	0.33, 0.00, 0.02, 0.25
HSL	176°, 33%, 62%
HSV	176°, 33%, 75%
XYZ	36.0307, 44.8841, 53.2278
YIQ	170.7070, -36.2640, -14.6000

Conversions

Conversions Part 2

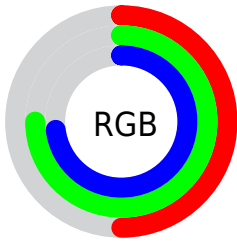
Format	Color
RYB	127, 160, 190
Decimal	8371898
CIELab	72.82, -20.96, -4.42
CIElCh	73, 21.421, 191.912
Yxy	44.8841, 0.2686, 0.3346
Android (android.graphics.Color)	4286561978 (0xFF7FBEB4)
YUV	170.7070, 7.5394, -38.3310
Hunter-Lab	66.9956, -21.2438, -0.2088

Details

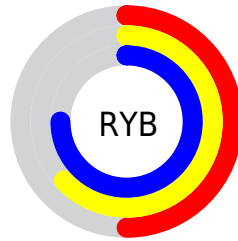
The Yxy color **44.8841, 0.2686, 0.3346** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **27.7665, 0.3838, 0.3237**, and the grayscale version is **40.5472, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2674, 0.2766, 0.3333**, and **20.7576, 0.2559, 0.3349** is the 20% darker color. If you saturate the color by 10%, you get **43.5110, 0.2579, 0.3365**, and if you desaturate by 10%, it is **46.5363, 0.2807, 0.3328**.

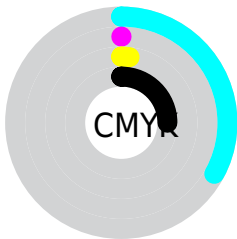
Distribution



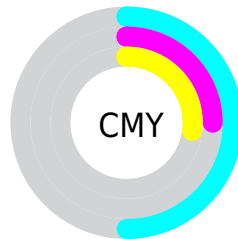
- Red (50%)
- Green (75%)
- Blue (73%)



- Red (50%)
- Yellow (63%)
- Blue (75%)



- Cyan (33%)
- Magenta (0%)
- Yellow (2%)
- Black (25%)




- Cyan (50%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8841, 0.2686, 0.3346 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 44.8841, 0.2686, 0.3346 by changing the saturation by 10% instead.

 44.8841, 0.2686,
0.3346

 44.8841, 0.2686,
0.3346


366.3040, 0.2906,
0.3321


 31.3661, 0.2631,
0.3351

 82.5465, 0.2766,
0.3337

 20.8778, 0.2562,
0.3358


 107.4597, 0.2796,
0.3334

 13.0347, 0.2469,
0.3366


 136.9401, 0.2821,
0.3331

 7.4525, 0.2341,
0.3375

171.3721, 0.2843,
0.3329

 3.7466, 0.2153,
0.3384

211.1401, 0.2862,
0.3326

 1.5329, 0.1849,
0.3387

256.6284, 0.2878,

 0.3117, 0.0000,

0.3324

0.3246

308.2216, 0.2893,
0.3322

0.0000, 0.0000,
0.0000

44.8841, 0.2686,
0.3346

44.8841, 0.2686,
0.3346

43.5110, 0.2579,
0.3365

46.5363, 0.2807,
0.3328

42.3961, 0.2487,
0.3386

48.4766, 0.2940,
0.3310

41.5242, 0.2414,
0.3407


50.7199, 0.3081,
0.3295

40.8762, 0.2360,
0.3428


53.2788, 0.3228,
0.3280

40.4302, 0.2324,
0.3449


56.1652, 0.3378,
0.3268


 40.1599, 0.2306,
0.3470

 59.3900, 0.3528,
0.3256

 40.0411, 0.2301,
0.3484

 62.0017, 0.3635,
0.3245

 62.0561, 0.3625,
0.3233

 62.1109, 0.3615,
0.3221

Harmonies

Analogous

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



44.8841, 0.2923, 0.3623



44.8841, 0.2686, 0.3346



44.8841, 0.2566, 0.3067

Triad

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



44.8841, 0.2686, 0.3346



44.8841, 0.3009, 0.2836



44.8841, 0.3693, 0.3689

Complementary

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



44.8841, 0.2686, 0.3346



27.7665, 0.3838, 0.3237

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.



44.8841, 0.3723, 0.3466



44.8841, 0.2686, 0.3346



44.8841, 0.3317, 0.2987

Square

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



44.8841, 0.2686, 0.3346



44.8841, 0.2745, 0.2790



44.8841, 0.3583, 0.3213



44.8841, 0.3506, 0.3820

Rectangle

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



44.8841, 0.2686, 0.3346



44.8841, 0.2564, 0.2923



44.8841, 0.3583, 0.3213



44.8841, 0.3722, 0.3622

Sweetspot

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



44.8859, 0.2686, 0.3346



89.0034, 0.2982, 0.3306



43.2017, 0.3114, 0.4252



19.4220, 0.2962, 0.3308



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.



44.8859, 0.2686, 0.3346



79.4264, 0.2604, 0.3361



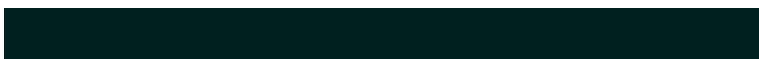
34.3197, 0.2610, 0.2881



10.7988, 0.2993, 0.3304



26.6292, 0.2300, 0.3481



1.0463, 0.2286, 0.3431

Inverse Universe

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



27.7665, 0.3838, 0.3237



43.5019, 0.4079, 0.3225



35.6917, 0.3765, 0.3664



9.5459, 0.3279, 0.3276



7.3012, 0.6321, 0.3256



0.2894, 0.6030, 0.3096

Previews

White Background



This preview shows how the Yxy color 44.8841, 0.2686, 0.3346 looks on a white background.

Color Contrast Check

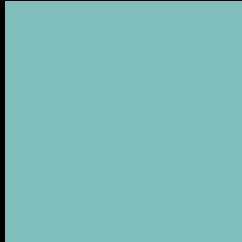
Large Text (above 18pt) WCAG AA × Fail

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 44.8841, 0.2686, 0.3346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

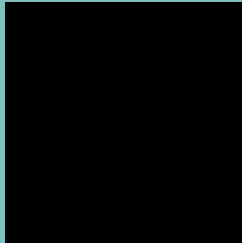
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

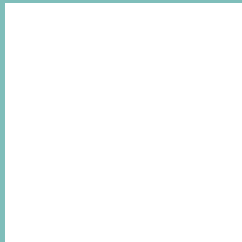
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.8841, 0.2686, 0.3346

Background



This preview shows how black text looks on a background with the Yxy color 44.8841, 0.2686, 0.3346.



This preview shows how white text looks on a background with the Yxy color 44.8841, 0.2686, 0.3346.

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

44.8841, 0.2686, 0.3346

Protanopia

44.4824, 0.3154, 0.3277

Deuteranopia

44.5520, 0.3137, 0.3074



Tritanopia

44.6777, 0.2602, 0.3066

Trichromacy



Original Color

44.8841, 0.2686, 0.3346

Protanomaly

44.3692, 0.2961, 0.3303

Deuteranomaly

44.1298, 0.2949, 0.3155

Tritanomaly

44.7435, 0.2634, 0.3162

Monochromacy



Original Color

44.8841, 0.2686, 0.3346

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.9439, 0.2948, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8841, 0.2686, 0.3346 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(127, 190, 186)` looks like.

```
.text, #text, p{  
    color:rgb(127, 190, 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(127, 190, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 190, 186) }
```

Border

The CSS property to change the border of an element to Yxy 44.8841, 0.2686, 0.3346 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(127, 190, 186) }
```

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

```
.border{ border-color:rgb(127, 190, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 190, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 190, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 190, 186); box-shadow:4px 4px 4px 4px rgb(127, 190, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8841, 0.2686, 0.3346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 190, 186) }
```

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

```
.background{ background-color: rgb(127,  
190, 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](#).

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