

Converting Colors

$Yxy(41.5682, 0.2739, 0.3501)$

Have a look what the booklet for
Yxy(41.5682, 0.2739, 0.3501)
contains.

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Color

Yxy(41.7031, 0.2735, 0.3500)

Conversions

Conversions Part 1

Format	Color
Hex	79B9AB
RGB	121, 185, 171
RGB Percent	47%, 73%, 67%
CMY	0.5254, 0.2745, 0.3294
CMYK	0.35, 0.00, 0.08, 0.27
HSL	167°, 31%, 60%
HSV	167°, 35%, 73%
XYZ	32.5880, 41.7031, 44.8606
YIQ	164.2680, -33.6500, -17.9220

Conversions

Conversions Part 2

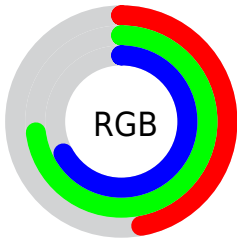
Format	Color
RYB	121, 157, 185
Decimal	7977387
CIELab	70.67, -23.61, 0.60
CIElCh	71, 23.614, 178.538
Yxy	41.7031, 0.2735, 0.3500
Android (android.graphics.Color)	4286167467 (0xFF79B9AB)
YUV	164.2680, 3.3189, -37.9460
Hunter-Lab	64.5779, -22.9349, 4.0173

Details

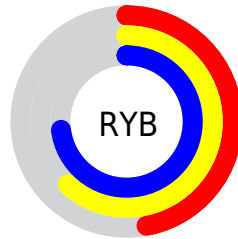
The Yxy color **41.7031, 0.2735, 0.3500** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **25.7467, 0.3752, 0.3094**, and the grayscale version is **37.2585, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5155, 0.2807, 0.3461**, and **19.0996, 0.2622, 0.3568** is the 20% darker color. If you saturate the color by 10%, you get **40.3415, 0.2644, 0.3572**, and if you desaturate by 10%, it is **43.3291, 0.2839, 0.3433**.

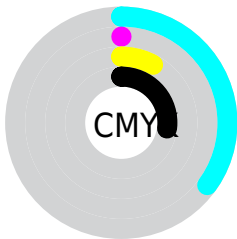
Distribution



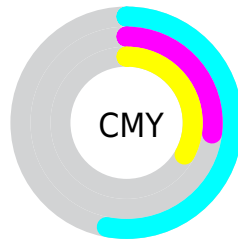
- Red (47%)
- Green (73%)
- Blue (67%)



- Red (47%)
- Yellow (62%)
- Blue (73%)



- Cyan (35%)
- Magenta (0%)
- Yellow (8%)
- Black (27%)





- Cyan (53%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7031, 0.2735, 0.3500 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 41.7031, 0.2735, 0.3500 by changing the saturation by 10% instead.


 41.7031, 0.2735,
0.3500


 41.7031, 0.2735,
0.3500

353.2507, 0.2934,
0.3393


 28.8689, 0.2684,
0.3527


 77.7501, 0.2808,
0.3461

 18.9817, 0.2618,
0.3563


 101.7316, 0.2835,
0.3446

 11.6570, 0.2530,
0.3611


 130.1978, 0.2858,
0.3434

 6.5106, 0.2404,
0.3679

163.5328, 0.2878,
0.3423

 3.1580, 0.2213,
0.3784

202.1213, 0.2895,
0.3414

 1.2147, 0.1801,
0.4006

246.3475, 0.2910,

 0.0737, 0.0000,

0.3406

0.6590

296.5958, 0.2923,
0.3399

0.0000, 0.0000,
0.0000

41.7031, 0.2735,
0.3500

41.7031, 0.2735,
0.3500

40.3415, 0.2644,
0.3572

43.3291, 0.2839,
0.3433

39.2245, 0.2567,
0.3647

45.2281, 0.2952,
0.3371

38.3375, 0.2508,
0.3725

47.4143, 0.3071,
0.3314


37.6625, 0.2467,
0.3804

49.8996, 0.3194,
0.3263

37.1783, 0.2446,
0.3885

52.6951, 0.3319,
0.3217


 36.8596, 0.2443,
0.3964

 55.8114, 0.3444,
0.3176

 36.7267, 0.2447,
0.4007

 59.2585, 0.3567,
0.3140

 60.2873, 0.3570,
0.3101

 60.4833, 0.3536,
0.3060

Harmonies

Analogous

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



41.7031, 0.3042, 0.3779



41.7031, 0.2735, 0.3500



41.7031, 0.2538, 0.3169

Triad

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



41.7031, 0.2735, 0.3500



41.7031, 0.2849, 0.2742



41.7031, 0.3806, 0.3633

Complementary

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



41.7031, 0.2735, 0.3500



25.7467, 0.3752, 0.3094

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.



41.7031, 0.3753, 0.3358



41.7031, 0.2735, 0.3500



41.7031, 0.3185, 0.2862

Square

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



41.7031, 0.2735, 0.3500



41.7031, 0.2601, 0.2750



41.7031, 0.3521, 0.3082



41.7031, 0.3666, 0.3839

Rectangle

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



41.7031, 0.2735, 0.3500



41.7031, 0.2489, 0.2977



41.7031, 0.3521, 0.3082



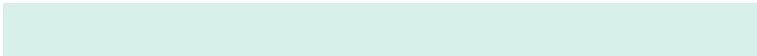
41.7031, 0.3810, 0.3545

Sweetspot

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



41.7048, 0.2735, 0.3500



82.6682, 0.3004, 0.3345



41.3091, 0.3200, 0.4272



17.7059, 0.2987, 0.3353



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.7048, 0.2735, 0.3500



72.9159, 0.2669, 0.3550



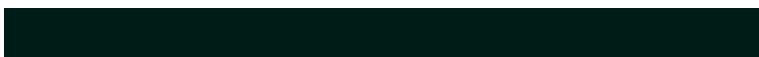
35.5533, 0.2611, 0.3030



10.1761, 0.3014, 0.3340



25.0194, 0.2444, 0.3997



0.8905, 0.2387, 0.3793

Inverse Universe

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



25.7467, 0.3752, 0.3094



40.2892, 0.3942, 0.3053



29.8981, 0.3848, 0.3533



9.0435, 0.3254, 0.3240



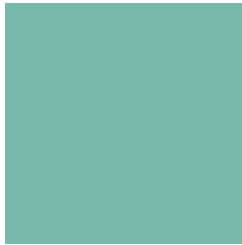
7.1388, 0.5994, 0.3075



0.2610, 0.5274, 0.2679

Previews

White Background



This preview shows how the Yxy color 41.7031, 0.2735, 0.3500 looks on a white background.

Color Contrast Check

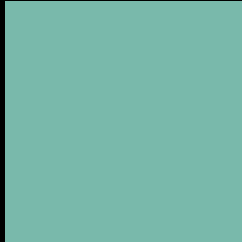
Large Text (above 18pt) WCAG AA × Fail

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 41.7031, 0.2735, 0.3500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

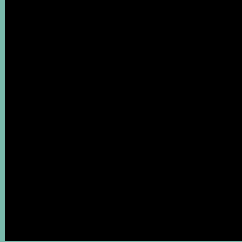
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

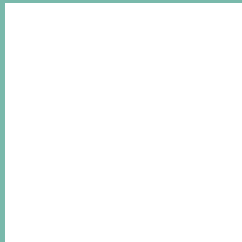
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.7031, 0.2735, 0.3500

Background



This preview shows how black text looks on a background with the Yxy color 41.7031, 0.2735, 0.3500.

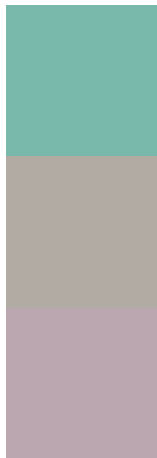


This preview shows how white text looks on a background with the Yxy color 41.7031, 0.2735, 0.3500.

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

41.7031, 0.2735, 0.3500

Protanopia

41.1173, 0.3250, 0.3400

Deuteranopia

41.2974, 0.3243, 0.3185



Tritanopia

41.5453, 0.2607, 0.3074

Trichromacy



Original Color

41.7031, 0.2735, 0.3500

Protanomaly

40.9719, 0.3042, 0.3433

Deuteranomaly

41.1146, 0.3031, 0.3290

Tritanomaly

41.4037, 0.2653, 0.3215

Monochromacy



Original Color

41.7031, 0.2735, 0.3500

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

38.5910, 0.2958, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7031, 0.2735, 0.3500 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(121, 185, 171)` looks like.

```
.text, #text, p{  
    color:rgb(121, 185, 171)  
}
```

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(121, 185, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 185, 171) }
```

Border

The CSS property to change the border of an element to Yxy 41.7031, 0.2735, 0.3500 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(121, 185, 171) }
```

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

```
.border{ border-color:rgb(121, 185, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 185, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 185, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 185, 171);  
box-shadow:4px 4px 4px 4px rgb(121, 185,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7031, 0.2735, 0.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 185, 171) }
```

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

```
.background{ background-color: rgb(121,  
185, 171) }
```

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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