

Converting Colors

$Yxy(41.5541, 0.2700, 0.3389)$

Have a look what the booklet for
Yxy(41.5541, 0.2700, 0.3389)
contains.

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Color

Yxy(41.5929, 0.2701, 0.3393)

Conversions

Conversions Part 1

Format	Color
Hex	7AB8B1
RGB	122, 184, 177
RGB Percent	48%, 72%, 69%
CMY	0.5213, 0.2785, 0.3059
CMYK	0.34, 0.00, 0.04, 0.28
HSL	173°, 30%, 60%
HSV	173°, 34%, 72%
XYZ	33.1101, 41.5929, 47.8815
YIQ	164.6640, -34.7050, -15.3210

Conversions

Conversions Part 2

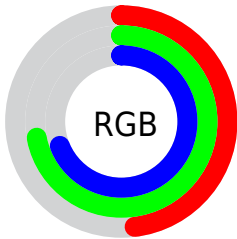
Format	Color
RYB	122, 155, 184
Decimal	8042673
CIELab	70.59, -21.42, -2.80
CIElCh	71, 21.600, 187.442
Yxy	41.5929, 0.2701, 0.3393
Android (android.graphics.Color)	4286232753 (0xFF7AB8B1)
YUV	164.6640, 6.0816, -37.4163
Hunter-Lab	64.4926, -21.2212, 1.1259

Details

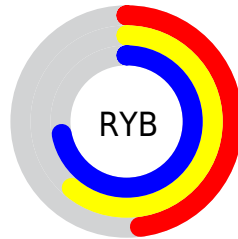
The Yxy color **41.5929, 0.2701, 0.3393** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **25.7121, 0.3811, 0.3192**, and the grayscale version is **37.4483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5505, 0.2780, 0.3368**, and **19.0154, 0.2576, 0.3415** is the 20% darker color. If you saturate the color by 10%, you get **40.2931, 0.2599, 0.3428**, and if you desaturate by 10%, it is **43.1516, 0.2817, 0.3360**.

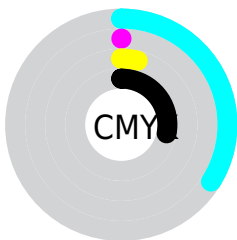
Distribution



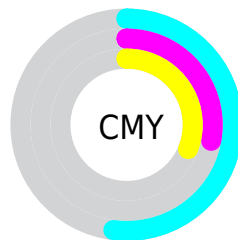
- Red (48%)
- Green (72%)
- Blue (69%)



- Red (48%)
- Yellow (61%)
- Blue (72%)



- Cyan (34%)
- Magenta (0%)
- Yellow (4%)
- Black (28%)





- Cyan (52%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.5929, 0.2701, 0.3393 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 41.5929, 0.2701, 0.3393 by changing the saturation by 10% instead.


 41.5929, 0.2701,
0.3393


 41.5929, 0.2701,
0.3393


352.7926, 0.2916,
0.3343

 28.7827, 0.2647,
0.3405


 77.5831, 0.2780,
0.3375

 18.9165, 0.2576,
0.3420


 101.5319, 0.2809,
0.3368

 11.6099, 0.2482,
0.3440


 129.9623, 0.2834,
0.3362

 6.4787, 0.2349,
0.3467

163.2587, 0.2855,
0.3357

 3.1383, 0.2150,
0.3504

201.8056, 0.2874,
0.3353

 1.2043, 0.1759,
0.3582

245.9872, 0.2890,

 0.0652, 0.0000,

0.3349

0.1966

296.1881, 0.2904,
0.3346

0.0000, 0.0000,
0.0000

41.5929, 0.2701,
0.3393

41.5929, 0.2701,
0.3393

40.2931, 0.2599,
0.3428

43.1516, 0.2817,
0.3360

39.2329, 0.2512,
0.3466

44.9774, 0.2943,
0.3328

38.3980, 0.2443,
0.3504


47.0844, 0.3077,
0.3300


37.7708, 0.2393,
0.3542


49.4842, 0.3216,
0.3274

37.3308, 0.2362,
0.3581


52.1876, 0.3357,
0.3251

 37.0536, 0.2348,
0.3620

 55.2050, 0.3499,
0.3230

 36.9302, 0.2346,
0.3644

 58.5463, 0.3639,
0.3212

 59.4146, 0.3656,
0.3191

 59.5083, 0.3638,
0.3170

Harmonies

Analogous

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



41.5929, 0.2960, 0.3672



41.5929, 0.2701, 0.3393



41.5929, 0.2557, 0.3098

Triad

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



41.5929, 0.2701, 0.3393



41.5929, 0.2959, 0.2806



41.5929, 0.3728, 0.3672

Complementary

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



41.5929, 0.2701, 0.3393



25.7121, 0.3811, 0.3192

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.



41.5929, 0.3733, 0.3432



41.5929, 0.2701, 0.3393



41.5929, 0.3276, 0.2949

Square

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



41.5929, 0.2701, 0.3393



41.5929, 0.2700, 0.2778



41.5929, 0.3564, 0.3172



41.5929, 0.3556, 0.3826

Rectangle

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



41.5929, 0.2701, 0.3393



41.5929, 0.2541, 0.2939



41.5929, 0.3564, 0.3172



41.5929, 0.3750, 0.3598

Sweetspot

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



41.5946, 0.2701, 0.3393



82.8158, 0.2989, 0.3318



40.3743, 0.3139, 0.4259



17.7420, 0.2970, 0.3322



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.



41.5946, 0.2701, 0.3393



73.7076, 0.2628, 0.3418



32.8331, 0.2610, 0.2924



10.1927, 0.3000, 0.3316



25.4614, 0.2344, 0.3639



0.9026, 0.2317, 0.3540

Inverse Universe

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



25.7121, 0.3811, 0.3192



40.7191, 0.4025, 0.3172



32.0944, 0.3789, 0.3627



9.0282, 0.3270, 0.3265



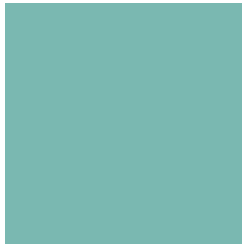
7.0653, 0.6244, 0.3213



0.2545, 0.5747, 0.2939

Previews

White Background



This preview shows how the Yxy color 41.5929, 0.2701, 0.3393 looks on a white background.

Color Contrast Check

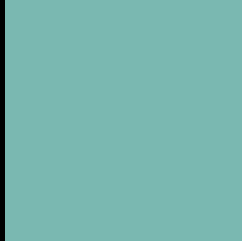
Large Text (above 18pt) WCAG AA × Fail

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 41.5929, 0.2701, 0.3393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

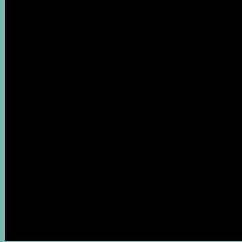
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5929, 0.2701, 0.3393

Background



This preview shows how black text looks on a background with the Yxy color 41.5929, 0.2701, 0.3393.



This preview shows how white text looks on a background with the Yxy color 41.5929, 0.2701, 0.3393.

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

41.5929, 0.2701, 0.3393

Protanopia

41.1421, 0.3172, 0.3304

Deuteranopia

41.2879, 0.3172, 0.3106



Tritanopia

41.5453, 0.2607, 0.3074

Trichromacy



Original Color

41.5929, 0.2701, 0.3393

Protanomaly

41.1357, 0.2979, 0.3332

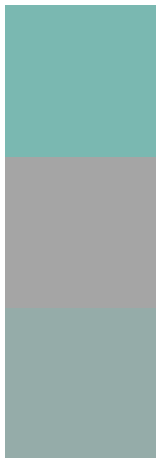
Deuteranomaly

40.8638, 0.2975, 0.3192

Tritanomaly

41.4900, 0.2640, 0.3187

Monochromacy



Original Color

41.5929, 0.2701, 0.3393

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.7592, 0.2951, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5929, 0.2701, 0.3393 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(122, 184, 177)` looks like.

```
.text, #text, p{  
    color:rgb(122, 184, 177)  
}
```

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(122, 184, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 184, 177) }
```

Border

The CSS property to change the border of an element to Yxy 41.5929, 0.2701, 0.3393 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(122, 184, 177) }
```

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

```
.border{ border-color:rgb(122, 184, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 184, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 184, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 184, 177);  
box-shadow:4px 4px 4px 4px rgb(122, 184,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5929, 0.2701, 0.3393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 184, 177) }
```

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

```
.background{ background-color: rgb(122,  
184, 177) }
```

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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