

Converting Colors

$Y_{xy}(41.5266, 0.2856, 0.3664)$

Have a look what the booklet for
Yxy(41.5266, 0.2856, 0.3664)
contains.

Yxy(41.3311, 0.2850, 0.3654)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.3311, 0.2850, 0.3654)

Conversions

Conversions Part 1

Format	Color
Hex	7FB8A0
RGB	127, 184, 160
RGB Percent	50%, 72%, 63%
CMY	0.5020, 0.2784, 0.3725
CMYK	0.31, 0.00, 0.13, 0.28
HSL	155°, 29%, 61%
HSV	155°, 31%, 72%
XYZ	32.2369, 41.3311, 39.5439
YIQ	164.2210, -26.2680, -19.5480

Conversions

Conversions Part 2

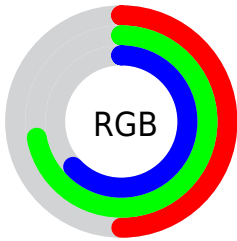
Format	Color
RYB	127, 163, 184
Decimal	8370336
CIELab	70.41, -23.75, 6.28
CIELCh	70, 24.571, 165.180
Yxy	41.3311, 0.2850, 0.3654
Android (android.graphics.Color)	4286560416 (0xFF7FB8A0)
YUV	164.2210, -2.0810, -32.6428
Hunter-Lab	64.2893, -23.0000, 8.5336

Details

The Yxy color **41.3311, 0.2850, 0.3654** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **27.5982, 0.3527, 0.2955**, and the grayscale version is **37.2540, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0502, 0.2901, 0.3577**, and **18.8326, 0.2756, 0.3767** is the 20% darker color. If you saturate the color by 10%, you get **39.7843, 0.2774, 0.3795**, and if you desaturate by 10%, it is **43.1562, 0.2934, 0.3524**.

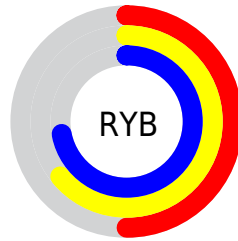
Distribution



Red (50%)

Green (72%)

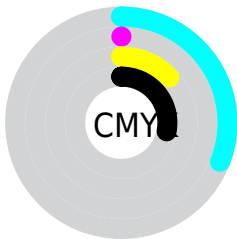
Blue (63%)



Red (50%)

Yellow (64%)

Blue (72%)

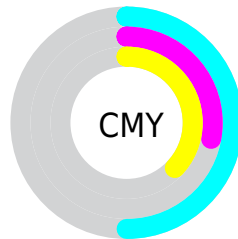


Cyan (31%)

Magenta (0%)

Yellow (13%)

Black (28%)



Cyan (50%)


Magenta (28%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3311, 0.2850, 0.3654 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 41.3311, 0.2850, 0.3654 by changing the saturation by 10% instead.


 41.3311, 0.2850,
0.3654


 41.3311, 0.2850,
0.3654


351.7025, 0.2993,
0.3464


 28.5779, 0.2813,
0.3704


 77.1863, 0.2903,
0.3583

 18.7617, 0.2764,
0.3771


 101.0570, 0.2923,
0.3557

 11.4982, 0.2697,
0.3862


 129.4024, 0.2939,
0.3535

 6.4030, 0.2599,
0.3996

162.6068, 0.2953,
0.3517

 3.0917, 0.2447,
0.4212

201.0546, 0.2965,
0.3501

 1.1798, 0.2053,
0.4700

245.1302, 0.2976,


 0.0451, 0.0000,


0.3487

1.0000


295.2181, 0.2985,
0.3475


 0.0000, 0.0000,
0.0000

 41.3311, 0.2850,
0.3654


 41.3311, 0.2850,
0.3654


 39.7843, 0.2774,
0.3795

 43.1562, 0.2934,
0.3524


 38.4963, 0.2711,
0.3945

 45.2677, 0.3024,
0.3406


 37.4531, 0.2662,
0.4103


 47.6798, 0.3118,
0.3300

 36.6372, 0.2630,
0.4265

 50.4041, 0.3212,
0.3205


 36.0287, 0.2619,
0.4429


 53.4516, 0.3306,
0.3121

 35.6041, 0.2627,
0.4590

 56.8330, 0.3398,
0.3047

 35.3367, 0.2648,
0.4731

 60.4088, 0.3481,
0.2981

 60.8143, 0.3417,
0.2904

 61.2388, 0.3355,
0.2829

Harmonies

Analogous

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



41.3311, 0.3197, 0.3884



41.3311, 0.2850, 0.3654



41.3311, 0.2587, 0.3315

Triad

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



41.3311, 0.2850, 0.3654



41.3311, 0.2707, 0.2705



41.3311, 0.3837, 0.3522

Complementary

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



41.3311, 0.2850, 0.3654



27.5982, 0.3527, 0.2955

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.



41.3311, 0.3693, 0.3228



41.3311, 0.2850, 0.3654



41.3311, 0.3025, 0.2774

Square

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



41.3311, 0.2850, 0.3654



41.3311, 0.2509, 0.2778



41.3311, 0.3388, 0.2961



41.3311, 0.3777, 0.3779

Rectangle

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



41.3311, 0.2850, 0.3654



41.3311, 0.2488, 0.3092



41.3311, 0.3388, 0.2961



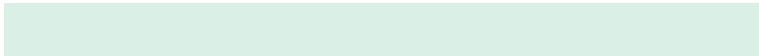
41.3311, 0.3811, 0.3425

Sweetspot

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



41.3328, 0.2850, 0.3654



82.8171, 0.3041, 0.3386



42.4611, 0.3294, 0.4130



17.7239, 0.3028, 0.3402



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.



41.3328, 0.2850, 0.3654



73.0069, 0.2799, 0.3746



40.6966, 0.2682, 0.3233



10.1450, 0.3040, 0.3388



24.3664, 0.2642, 0.4712



0.8710, 0.2529, 0.4303

Inverse Universe

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



27.5982, 0.3527, 0.2955



44.2542, 0.3646, 0.2881



27.8971, 0.3801, 0.3346



9.0732, 0.3224, 0.3194



7.4098, 0.5262, 0.2672



0.2736, 0.4604, 0.2310

Previews

White Background



This preview shows how the Yxy color 41.3311, 0.2850, 0.3654 looks on a white background.

Color Contrast Check

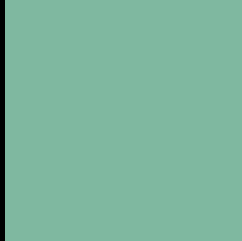
Large Text (above 18pt) WCAG AA × Fail

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 41.3311, 0.2850, 0.3654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

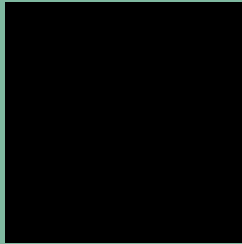
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.3311, 0.2850, 0.3654

Background



This preview shows how black text looks on a background with the Yxy color 41.3311, 0.2850, 0.3654.



This preview shows how white text looks on a background with the Yxy color 41.3311, 0.2850, 0.3654.

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

41.3311, 0.2850, 0.3654

Protanopia

41.0094, 0.3356, 0.3538

Deuteranopia

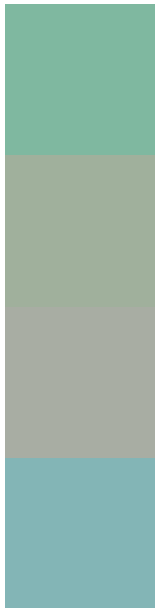
41.0291, 0.3381, 0.3317



Tritanopia

41.2036, 0.2663, 0.3075

Trichromacy



Original Color

41.3311, 0.2850, 0.3654

Protanomaly

40.9246, 0.3149, 0.3577

Deuteranomaly

40.8563, 0.3165, 0.3430

Tritanomaly

41.2504, 0.2725, 0.3274

Monochromacy



Original Color

41.3311, 0.2850, 0.3654

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

38.3495, 0.3015, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3311, 0.2850, 0.3654 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, 184, 160)` looks like.

```
.text, #text, p{  
    color:rgb(127, 184, 160)  
}
```

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, 184, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 184, 160) }
```

Border

The CSS property to change the border of an element to Yxy 41.3311, 0.2850, 0.3654 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, 184, 160) }
```

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

```
.border{ border-color:rgb(127, 184, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 184, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 184, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 184, 160);  
box-shadow:4px 4px 4px 4px rgb(127, 184,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3311, 0.2850, 0.3654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 184, 160) }
```

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

```
.background{ background-color: rgb(127,  
184, 160) }
```

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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