

Converting Colors

$Yxy(41.0903, 0.2794, 0.3393)$

Have a look what the booklet for
Yxy(41.0903, 0.2794, 0.3393)
contains.

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Color

Yxy(41.0903, 0.2794, 0.3393)

Conversions

Conversions Part 1

Format	Color
Hex	85B5AE
RGB	133, 181, 174
RGB Percent	52%, 71%, 68%
CMY	0.4784, 0.2902, 0.3178
CMYK	0.27, 0.00, 0.04, 0.29
HSL	171°, 24%, 62%
HSV	171°, 27%, 71%
XYZ	33.8362, 41.0903, 46.1766
YIQ	165.8500, -26.3610, -12.3530

Conversions

Conversions Part 2

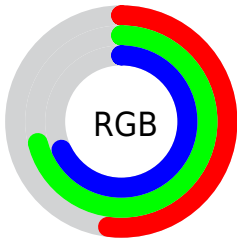
Format	Color
RYB	133, 159, 181
Decimal	8762798
CIELab	70.24, -17.36, -1.57
CIElCh	70, 17.426, 185.183
Yxy	41.0903, 0.2794, 0.3393
Android (android.graphics.Color)	4286952878 (0xFF85B5AE)
YUV	165.8500, 4.0179, -28.8095
Hunter-Lab	64.1017, -17.9564, 2.1608

Details

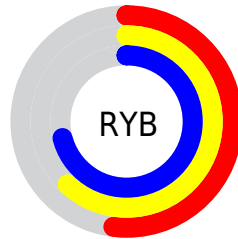
The Yxy color **41.0903, 0.2794, 0.3393** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **28.4991, 0.3603, 0.3191**, and the grayscale version is **38.0484, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.7903, 0.2857, 0.3379**, and **18.6373, 0.2695, 0.3414** is the 20% darker color. If you saturate the color by 10%, you get **39.6408, 0.2685, 0.3438**, and if you desaturate by 10%, it is **42.7991, 0.2914, 0.3351**.

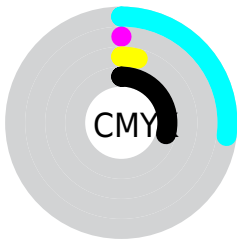
Distribution



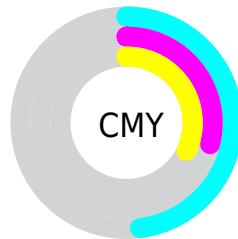
- Red (52%)
- Green (71%)
- Blue (68%)



- Red (52%)
- Yellow (62%)
- Blue (71%)



- Cyan (27%)
- Magenta (0%)
- Yellow (4%)
- Black (29%)




- Cyan (48%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.0903, 0.2794, 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 41.0903, 0.2794, 0.3393 by changing the saturation by 10% instead.


 41.0903, 0.2794,
0.3393


 41.0903, 0.2794,
0.3393

350.6979, 0.2963,
0.3342


 28.3896, 0.2751,
0.3406


 76.8210, 0.2856,
0.3374

 18.6196, 0.2695,
0.3422


 100.6197, 0.2879,
0.3367

 11.3957, 0.2620,
0.3444


 128.8867, 0.2899,
0.3361

 6.3337, 0.2513,
0.3475

162.0062, 0.2915,
0.3356

 3.0490, 0.2350,
0.3520

200.3627, 0.2930,
0.3352

 1.1574, 0.2038,
0.3608

244.3406, 0.2942,

 0.0265, 0.0000,

0.3348

0.1601

294.3241, 0.2953,
0.3345

0.0000, 0.0000,
0.0000

41.0903, 0.2794,
0.3393

41.0903, 0.2794,
0.3393

39.6408, 0.2685,
0.3438

42.7991, 0.2914,
0.3351

38.4325, 0.2590,
0.3485

44.7742, 0.3041,
0.3313

37.4529, 0.2511,
0.3534

47.0287, 0.3174,
0.3278

36.6863, 0.2450,
0.3585

49.5731, 0.3310,
0.3247

36.1152, 0.2407,
0.3636

52.4177, 0.3446,
0.3219

■ 35.7189, 0.2384,
0.3688

■ 55.5720, 0.3581,
0.3195

■ 35.4699, 0.2377,
0.3739

■ 58.1389, 0.3673,
0.3171

■ 35.3981, 0.2377,
0.3757

■ 58.2580, 0.3650,
0.3144

■ 58.3792, 0.3627,
0.3116

Harmonies

Analogous

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



41.0903, 0.3011, 0.3610



41.0903, 0.2794, 0.3393



41.0903, 0.2667, 0.3155

Triad

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



41.0903, 0.2794, 0.3393



41.0903, 0.2974, 0.2888



41.0903, 0.3619, 0.3591

Complementary

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



41.0903, 0.2794, 0.3393



28.4991, 0.3603, 0.3191

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.



41.0903, 0.3611, 0.3394



41.0903, 0.2794, 0.3393



41.0903, 0.3230, 0.2999

Square

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



41.0903, 0.2794, 0.3393



41.0903, 0.2767, 0.2874



41.0903, 0.3466, 0.3180



41.0903, 0.3490, 0.3719

Rectangle

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



41.0903, 0.2794, 0.3393



41.0903, 0.2647, 0.3021



41.0903, 0.3466, 0.3180



41.0903, 0.3632, 0.3530

Sweetspot

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



41.0920, 0.2794, 0.3393



79.5789, 0.3020, 0.3319



40.3373, 0.3153, 0.4023



17.0817, 0.3001, 0.3325



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



41.0920, 0.2794, 0.3393



71.9729, 0.2727, 0.3420



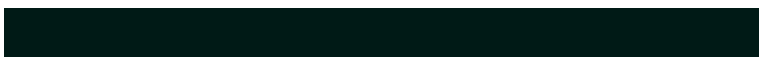
34.9500, 0.2722, 0.3037



9.6097, 0.3005, 0.3323



24.4097, 0.2375, 0.3750



0.7738, 0.2336, 0.3608

Inverse Universe

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



28.4991, 0.3603, 0.3191



45.4948, 0.3754, 0.3167



33.2711, 0.3625, 0.3530



8.5249, 0.3265, 0.3257



6.8319, 0.6175, 0.3175



0.2213, 0.5546, 0.2829

Previews

White Background



This preview shows how the Yxy color 41.0903, 0.2794, 0.3393 looks on a white background.

Color Contrast Check

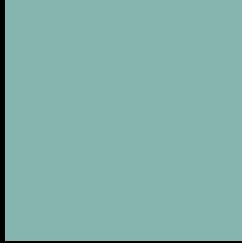
Large Text (above 18pt) WCAG AA × Fail

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 41.0903, 0.2794, 0.3393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

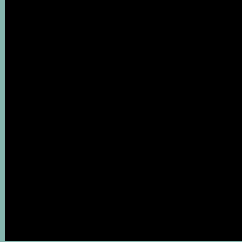
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

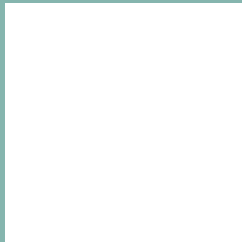
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.0903, 0.2794, 0.3393

Background



This preview shows how black text looks on a background with the Yxy color 41.0903, 0.2794, 0.3393.

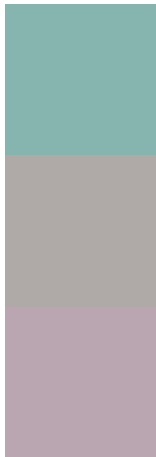


This preview shows how white text looks on a background with the Yxy color 41.0903, 0.2794, 0.3393.

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

41.0903, 0.2794, 0.3393

Protanopia

40.6906, 0.3190, 0.3318

Deuteranopia

40.7610, 0.3208, 0.3145



Tritanopia

40.9649, 0.2696, 0.3089

Trichromacy



Original Color

41.0903, 0.2794, 0.3393

Protanomaly

40.6480, 0.3037, 0.3346

Deuteranomaly

40.3674, 0.3042, 0.3220

Tritanomaly

40.9772, 0.2737, 0.3202

Monochromacy



Original Color

41.0903, 0.2794, 0.3393

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.8604, 0.2993, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0903, 0.2794, 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(133, 181, 174)` looks like.

```
.text, #text, p{  
    color:rgb(133, 181, 174)  
}
```

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(133, 181, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 181, 174) }
```

Border

The CSS property to change the border of an element to Yxy 41.0903, 0.2794, 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(133, 181, 174) }
```

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

```
.border{ border-color:rgb(133, 181, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 181, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 181, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 181, 174);  
box-shadow:4px 4px 4px 4px rgb(133, 181,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0903, 0.2794, 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(133, 181, 174) }
```

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

```
.background{ background-color: rgb(133,  
181, 174) }
```

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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