

Converting Colors

$Yxy(41.1403, 0.2725, 0.3425)$

Have a look what the booklet for
Yxy(41.1403, 0.2725, 0.3425)
contains.

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Color

Yxy(41.1339, 0.2725, 0.3424)

Conversions

Conversions Part 1

Format	Color
Hex	7BB7AE
RGB	123, 183, 174
RGB Percent	48%, 72%, 68%
CMY	0.5179, 0.2823, 0.3176
CMYK	0.33, 0.00, 0.05, 0.28
HSL	171°, 29%, 60%
HSV	171°, 33%, 72%
XYZ	32.7365, 41.1339, 46.2636
YIQ	164.0340, -32.8710, -15.5190

Conversions

Conversions Part 2

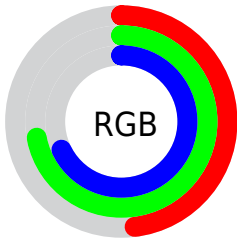
Format	Color
RYB	123, 155, 183
Decimal	8107950
CIELab	70.27, -21.37, -1.62
CIElCh	70, 21.429, 184.325
Yxy	41.1339, 0.2725, 0.3424
Android (android.graphics.Color)	4286298030 (0xFF7BB7AE)
YUV	164.0340, 4.9132, -35.9868
Hunter-Lab	64.1357, -21.1265, 2.1268

Details

The Yxy color **41.1339, 0.2725, 0.3424** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **25.8857, 0.3760, 0.3163**, and the grayscale version is **37.1249, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.7373, 0.2800, 0.3403**, and **18.7100, 0.2606, 0.3459** is the 20% darker color. If you saturate the color by 10%, you get **39.8045, 0.2625, 0.3472**, and if you desaturate by 10%, it is **42.7211, 0.2838, 0.3379**.

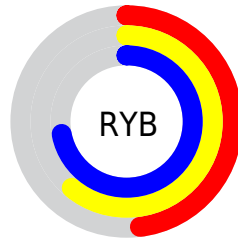
Distribution



Red (48%)

Green (72%)

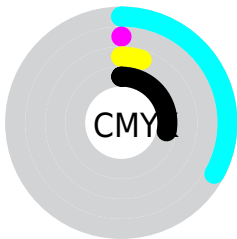
Blue (68%)



Red (48%)

Yellow (61%)

Blue (72%)

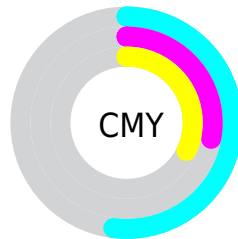


Cyan (33%)

Magenta (0%)

Yellow (5%)

Black (28%)



Cyan (52%)


Magenta (28%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1339, 0.2725, 0.3424 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 41.1339, 0.2725, 0.3424 by changing the saturation by 10% instead.

 41.1339, 0.2725,
0.3424


 41.1339, 0.2725,
0.3424


350.8799, 0.2929,
0.3357


 28.4237, 0.2673,
0.3441


 76.8871, 0.2800,
0.3400

 18.6453, 0.2606,
0.3462


 100.6989, 0.2828,
0.3391

 11.4143, 0.2516,
0.3491


 128.9801, 0.2851,
0.3383

 6.3462, 0.2388,
0.3530

162.1150, 0.2871,
0.3376

 3.0567, 0.2194,
0.3588

200.4881, 0.2889,
0.3370

 1.1614, 0.1789,
0.3716

244.4836, 0.2904,

 0.0299, 0.0000,

0.3365

0.1702

294.4861, 0.2917,
0.3361

0.0000, 0.0000,
0.0000

41.1339, 0.2725,
0.3424

41.1339, 0.2725,
0.3424

39.8045, 0.2625,
0.3472

42.7211, 0.2838,
0.3379

38.7138, 0.2540,
0.3521

44.5741, 0.2960,
0.3338

37.8479, 0.2472,
0.3573


46.7066, 0.3090,
0.3300

37.1895, 0.2423,
0.3625


49.1301, 0.3224,
0.3266


36.7189, 0.2393,
0.3678


51.8554, 0.3359,
0.3235


 36.4122, 0.2381,
0.3731

 54.8924, 0.3495,
0.3208

 36.2585, 0.2380,
0.3768

 58.2511, 0.3629,
0.3184

 59.1156, 0.3638,
0.3157

 59.2416, 0.3615,
0.3128

Harmonies

Analogous

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



41.1339, 0.2992, 0.3694



41.1339, 0.2725, 0.3424



41.1339, 0.2568, 0.3127

Triad

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



41.1339, 0.2725, 0.3424



41.1339, 0.2929, 0.2800



41.1339, 0.3734, 0.3649

Complementary

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



41.1339, 0.2725, 0.3424



25.8857, 0.3760, 0.3163

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.



41.1339, 0.3720, 0.3405



41.1339, 0.2725, 0.3424



41.1339, 0.3243, 0.2931

Square

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



41.1339, 0.2725, 0.3424



41.1339, 0.2681, 0.2784



41.1339, 0.3537, 0.3147



41.1339, 0.3578, 0.3814

Rectangle

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



41.1339, 0.2725, 0.3424



41.1339, 0.2541, 0.2963



41.1339, 0.3537, 0.3147



41.1339, 0.3750, 0.3573

Sweetspot

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



41.1356, 0.2725, 0.3424



80.7839, 0.2994, 0.3328



40.2028, 0.3156, 0.4227



17.7293, 0.2976, 0.3333



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.



41.1356, 0.2725, 0.3424



71.9877, 0.2655, 0.3456



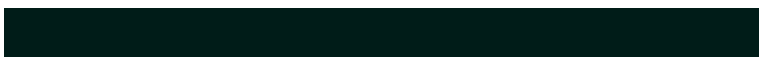
33.4632, 0.2627, 0.2967



10.1869, 0.3005, 0.3324



25.2987, 0.2378, 0.3762



0.8982, 0.2341, 0.3627

Inverse Universe

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



25.8857, 0.3760, 0.3163



40.6645, 0.3954, 0.3136



31.4346, 0.3777, 0.3590



9.0336, 0.3265, 0.3256



7.0862, 0.6170, 0.3173



0.2568, 0.5568, 0.2841

Previews

White Background



This preview shows how the Yxy color 41.1339, 0.2725, 0.3424 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 41.1339, 0.2725, 0.3424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

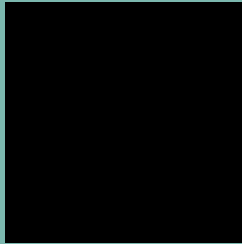
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1339, 0.2725, 0.3424

Background



This preview shows how black text looks on a background with the Yxy color 41.1339, 0.2725, 0.3424.

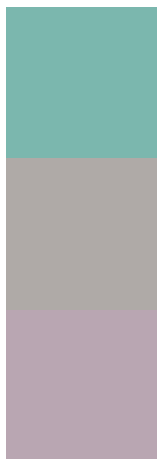


This preview shows how white text looks on a background with the Yxy color 41.1339, 0.2725, 0.3424.

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

41.1339, 0.2725, 0.3424

Protanopia

40.6534, 0.3198, 0.3331

Deuteranopia

40.8011, 0.3199, 0.3132



Tritanopia

41.1268, 0.2624, 0.3087

Trichromacy



Original Color

41.1339, 0.2725, 0.3424

Protanomaly

40.6301, 0.3003, 0.3361

Deuteranomaly

40.3608, 0.2999, 0.3220

Tritanomaly

41.0712, 0.2657, 0.3201

Monochromacy



Original Color

41.1339, 0.2725, 0.3424

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

38.3425, 0.2958, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1339, 0.2725, 0.3424 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(123, 183, 174)` looks like.

```
.text, #text, p{  
    color:rgb(123, 183, 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(123, 183, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 183, 174) }
```

Border

The CSS property to change the border of an element to Yxy 41.1339, 0.2725, 0.3424 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(123, 183, 174) }
```

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

```
.border{ border-color:rgb(123, 183, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 183, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 183, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 183, 174);  
box-shadow:4px 4px 4px 4px rgb(123, 183,  
174) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 41.1339, 0.2725, 0.3424$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 183, 174) }
```

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

```
.background{ background-color: rgb(123,  
183, 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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