

Converting Colors

$Yxy(41.4245, 0.2995, 0.4058)$

Have a look what the booklet for
Yxy(41.4245, 0.2995, 0.4058)
contains.

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Color

Yxy(41.2839, 0.2998, 0.4054)

Conversions

Conversions Part 1

Format	Color
Hex	7DBA89
RGB	125, 186, 137
RGB Percent	49%, 73%, 54%
CMY	0.5098, 0.2706, 0.4628
CMYK	0.33, 0.00, 0.26, 0.27
HSL	132°, 31%, 61%
HSV	132°, 33%, 73%
XYZ	30.5301, 41.2839, 30.0210
YIQ	162.1750, -20.6270, -28.1710

Conversions

Conversions Part 2

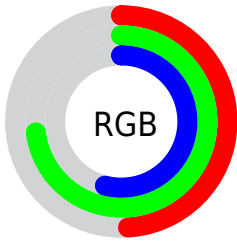
Format	Color
RYB	125, 176, 186
Decimal	8239753
CIELab	70.37, -29.88, 18.75
CIELCh	70, 35.273, 147.890
Yxy	41.2839, 0.2998, 0.4054
Android (android.graphics.Color)	4286429833 (0xFF7DBA89)
YUV	162.1750, -12.4113, -32.6025
Hunter-Lab	64.2525, -27.6262, 17.2745

Details

The Yxy color **41.2839, 0.2998, 0.4054** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **28.1621, 0.3292, 0.2632**, and the grayscale version is **36.2838, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.8496, 0.3024, 0.3890**, and **18.6071, 0.2940, 0.4301** is the 20% darker color. If you saturate the color by 10%, you get **39.6149, 0.2964, 0.4338**, and if you desaturate by 10%, it is **43.2779, 0.3036, 0.3792**.

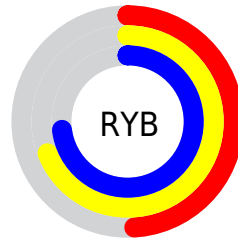
Distribution



Red (49%)

Green (73%)

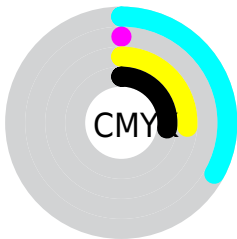
Blue (54%)



Red (49%)

Yellow (69%)

Blue (73%)

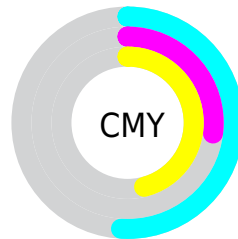


Cyan (33%)

Magenta (0%)

Yellow (26%)

Black (27%)



Cyan (51%)


Magenta (27%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2839, 0.2998, 0.4054 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 41.2839, 0.2998, 0.4054 by changing the saturation by 10% instead.


 41.2839, 0.2998,
0.4054


 41.2839, 0.2998,
0.4054


351.5058, 0.3073,
0.3647


 28.5410, 0.2975,
0.4164


 77.1147, 0.3028,
0.3900

 18.7339, 0.2944,
0.4312


 100.9713, 0.3038,
0.3844

 11.4781, 0.2897,
0.4517


 129.3013, 0.3047,
0.3797

 6.3894, 0.2821,
0.4823

162.4891, 0.3054,
0.3757

 3.0833, 0.2682,
0.5321

200.9191, 0.3060,
0.3724

 1.1754, 0.2356,
0.7644

244.9756, 0.3065,

 0.0414, 0.0000,

0.3695

1.0000

295.0430, 0.3069,
0.3669

0.0000, 0.0000,
0.0000

41.2839, 0.2998,
0.4054

41.2839, 0.2998,
0.4054

39.6149, 0.2964,
0.4338

43.2779, 0.3036,
0.3792

38.2485, 0.2936,
0.4635

45.6076, 0.3076,
0.3555

37.1680, 0.2917,
0.4935


48.2894, 0.3116,
0.3344

36.3524, 0.2909,
0.5222


51.3372, 0.3155,
0.3159

35.7780, 0.2914,
0.5478

54.7641, 0.3193,
0.2998

 35.4167, 0.2931,
0.5688

 58.5826, 0.3228,
0.2858

 35.2511, 0.2946,
0.5806

 62.7669, 0.3259,
0.2736

 63.6003, 0.3159,
0.2614

Harmonies

Analogous

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



41.2839, 0.3504, 0.4223



41.2839, 0.2998, 0.4054



41.2839, 0.2550, 0.3616

Triad

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



41.2839, 0.2998, 0.4054



41.2839, 0.2351, 0.2500



41.2839, 0.4066, 0.3361

Complementary

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



41.2839, 0.2998, 0.4054



28.1621, 0.3292, 0.2632

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.



41.2839, 0.3706, 0.2972



41.2839, 0.2998, 0.4054



41.2839, 0.2701, 0.2495

Square

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



41.2839, 0.2998, 0.4054



41.2839, 0.2201, 0.2704



41.2839, 0.3193, 0.2665



41.2839, 0.4144, 0.3763

Rectangle

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



41.2839, 0.2998, 0.4054



41.2839, 0.2339, 0.3268



41.2839, 0.3193, 0.2665



41.2839, 0.3973, 0.3226

Sweetspot

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



41.2856, 0.2998, 0.4054



83.8787, 0.3087, 0.3497



45.6940, 0.3512, 0.4125



18.3265, 0.3081, 0.3528



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



41.2856, 0.2998, 0.4054



72.6937, 0.2974, 0.4246



42.2583, 0.2792, 0.3580



10.0882, 0.3090, 0.3479



23.7229, 0.2941, 0.5788



0.8450, 0.2810, 0.5316

Inverse Universe

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



28.1621, 0.3292, 0.2632



45.3944, 0.3335, 0.2495



27.1289, 0.3635, 0.3021



9.1317, 0.3167, 0.3108



8.5031, 0.3770, 0.1851



0.3076, 0.3601, 0.1757

Previews

White Background



This preview shows how the Yxy color 41.2839, 0.2998, 0.4054 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 41.2839, 0.2998, 0.4054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

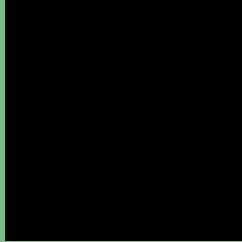
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.2839, 0.2998, 0.4054

Background



This preview shows how black text looks on a background with the Yxy color 41.2839, 0.2998, 0.4054.

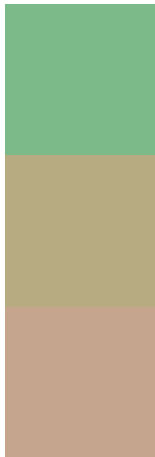


This preview shows how white text looks on a background with the Yxy color 41.2839, 0.2998, 0.4054.

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

41.2839, 0.2998, 0.4054

Protanopia

40.8048, 0.3599, 0.3853

Deuteranopia

40.8690, 0.3658, 0.3592



Tritanopia

41.3247, 0.2684, 0.3089

Trichromacy



Original Color

41.2839, 0.2998, 0.4054

Protanomaly

40.4255, 0.3357, 0.3915

Deuteranomaly

40.4385, 0.3389, 0.3758

Tritanomaly

41.3786, 0.2794, 0.3422

Monochromacy



Original Color

41.2839, 0.2998, 0.4054

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

37.8153, 0.3079, 0.3560

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2839, 0.2998, 0.4054 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(125, 186, 137)` looks like.

```
.text, #text, p{  
    color:rgb(125, 186, 137)  
}
```

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(125, 186, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 186, 137) }
```

Border

The CSS property to change the border of an element to Yxy 41.2839, 0.2998, 0.4054 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(125, 186, 137) }
```

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

```
.border{ border-color:rgb(125, 186, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 186, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 186, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 186, 137); box-shadow:4px 4px 4px 4px rgb(125, 186, 137) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2839, 0.2998, 0.4054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 186, 137) }
```

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

```
.background{ background-color: rgb(125,  
186, 137) }
```

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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