

Converting Colors

$Y_{xy}(41.4200, 0.2862, 0.3747)$

Have a look what the booklet for
Yxy(41.4200, 0.2862, 0.3747)
contains.

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Color

Yxy(41.3496, 0.2864, 0.3750)

Conversions

Conversions Part 1

Format	Color
Hex	7CB99B
RGB	124, 185, 155
RGB Percent	49%, 73%, 61%
CMY	0.5137, 0.2745, 0.3921
CMYK	0.33, 0.00, 0.16, 0.27
HSL	151°, 30%, 61%
HSV	151°, 33%, 73%
XYZ	31.5801, 41.3496, 37.3359
YIQ	163.3410, -26.7260, -22.2620

Conversions

Conversions Part 2

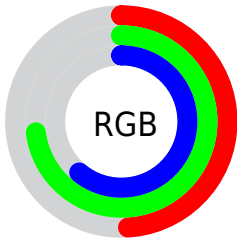
Format	Color
RYB	124, 164, 185
Decimal	8173979
CIELab	70.42, -26.19, 9.01
CIELCh	70, 27.701, 161.010
Yxy	41.3496, 0.2864, 0.3750
Android (android.graphics.Color)	4286364059 (0xFF7CB99B)
YUV	163.3410, -4.1121, -34.5021
Hunter-Lab	64.3037, -24.8685, 10.5876

Details

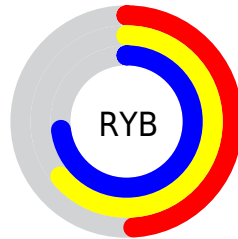
The Yxy color **41.3496, 0.2864, 0.3750** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **27.0656, 0.3510, 0.2874**, and the grayscale version is **36.8273, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9790, 0.2917, 0.3661**, and **18.8797, 0.2777, 0.3906** is the 20% darker color. If you saturate the color by 10%, you get **39.8055, 0.2798, 0.3919**, and if you desaturate by 10%, it is **43.1787, 0.2939, 0.3594**.

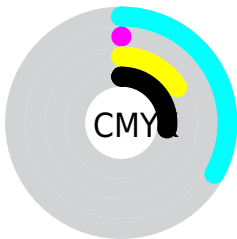
Distribution



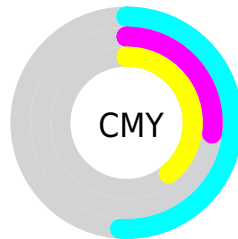
- Red (49%)
- Green (73%)
- Blue (61%)



- Red (49%)
- Yellow (64%)
- Blue (73%)



- Cyan (33%)
- Magenta (0%)
- Yellow (16%)
- Black (27%)





- Cyan (51%)
- Magenta (27%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3496, 0.2864, 0.3750 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 41.3496, 0.2864, 0.3750 by changing the saturation by 10% instead.


 41.3496, 0.2864,
0.3750

 41.3496, 0.2864,
0.3750


351.7796, 0.3002,
0.3508


 28.5924, 0.2828,
0.3814


 77.2143, 0.2915,
0.3659

 18.7727, 0.2780,
0.3900


 101.0906, 0.2934,
0.3626

 11.5061, 0.2713,
0.4018


 129.4420, 0.2950,
0.3598

 6.4083, 0.2616,
0.4193

162.6529, 0.2964,
0.3575

 3.0949, 0.2461,
0.4477

201.1077, 0.2975,
0.3555

 1.1815, 0.2018,
0.5218

245.1908, 0.2985,

 0.0465, 0.0000,

0.3537

1.0000

295.2867, 0.2994,
0.3522

0.0000, 0.0000,
0.0000

41.3496, 0.2864,
0.3750

41.3496, 0.2864,
0.3750

39.8055, 0.2798,
0.3919

43.1787, 0.2939,
0.3594

38.5262, 0.2743,
0.4099

45.3016, 0.3019,
0.3453

37.4971, 0.2704,
0.4287


47.7328, 0.3102,
0.3325


36.6998, 0.2682,
0.4479


50.4846, 0.3186,
0.3212

36.1134, 0.2679,
0.4670


53.5682, 0.3270,
0.3111

 35.7127, 0.2696,
0.4854

 56.9948, 0.3351,
0.3023

 35.5073, 0.2716,
0.4979

 60.7745, 0.3430,
0.2945

 61.5468, 0.3369,
0.2857

 62.0646, 0.3297,
0.2770

Harmonies

Analogous

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



41.3496, 0.3259, 0.3984



41.3496, 0.2864, 0.3750



41.3496, 0.2553, 0.3371

Triad

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



41.3496, 0.2864, 0.3750



41.3496, 0.2615, 0.2637



41.3496, 0.3919, 0.3501

Complementary

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



41.3496, 0.2864, 0.3750



27.0656, 0.3510, 0.2874

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.



41.3496, 0.3726, 0.3174



41.3496, 0.2864, 0.3750



41.3496, 0.2955, 0.2695

Square

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



41.3496, 0.2864, 0.3750



41.3496, 0.2418, 0.2737



41.3496, 0.3364, 0.2887



41.3496, 0.3882, 0.3801

Rectangle

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



41.3496, 0.2864, 0.3750



41.3496, 0.2428, 0.3113



41.3496, 0.3364, 0.2887



41.3496, 0.3879, 0.3391

Sweetspot

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



41.3513, 0.2864, 0.3750



82.2984, 0.3042, 0.3415



43.0734, 0.3339, 0.4180



17.6159, 0.3031, 0.3434



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.



41.3513, 0.2864, 0.3750



71.8879, 0.2812, 0.3879



42.4868, 0.2664, 0.3289



10.1343, 0.3049, 0.3405



24.1920, 0.2710, 0.4957



0.8653, 0.2580, 0.4487

Inverse Universe

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



27.0656, 0.3510, 0.2874



42.1242, 0.3635, 0.2775



26.1883, 0.3879, 0.3292



9.0838, 0.3213, 0.3178



7.5514, 0.4967, 0.2510



0.2787, 0.4397, 0.2196

Previews

White Background



This preview shows how the Yxy color 41.3496, 0.2864, 0.3750 looks on a white background.

Color Contrast Check

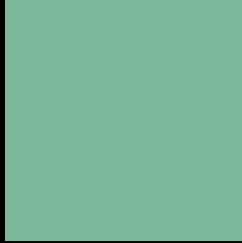
Large Text (above 18pt) WCAG AA × Fail

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 41.3496, 0.2864, 0.3750 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 41.3496, 0.2864, 0.3750

Background



This preview shows how black text looks on a background with the Yxy color 41.3496, 0.2864, 0.3750.



This preview shows how white text looks on a background with the Yxy color 41.3496, 0.2864, 0.3750.

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

41.3496, 0.2864, 0.3750

Protanopia

40.9672, 0.3410, 0.3607

Deuteranopia

41.1131, 0.3447, 0.3383



Tritanopia

41.4431, 0.2651, 0.3089

Trichromacy



Original Color

41.3496, 0.2864, 0.3750

Protanomaly

40.7586, 0.3190, 0.3651

Deuteranomaly

40.6806, 0.3207, 0.3502

Tritanomaly

41.4183, 0.2725, 0.3318

Monochromacy



Original Color

41.3496, 0.2864, 0.3750

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

38.0534, 0.3022, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3496, 0.2864, 0.3750 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(124, 185, 155)` looks like.

```
.text, #text, p{  
    color:rgb(124, 185, 155)  
}
```

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(124, 185, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 185, 155) }
```

Border

The CSS property to change the border of an element to Yxy 41.3496, 0.2864, 0.3750 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(124, 185, 155) }
```

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

```
.border{ border-color:rgb(124, 185, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 185, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 185, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 185, 155);  
box-shadow:4px 4px 4px 4px rgb(124, 185,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3496, 0.2864, 0.3750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 185, 155) }
```

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

```
.background{ background-color: rgb(124,  
185, 155) }
```

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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