

Converting Colors

$Y_{xy}(47.1414, 0.3532, 0.4111)$

Have a look what the booklet for
Yxy(47.1414, 0.3532, 0.4111)
contains.

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Color

Yxy(47.0825, 0.3528, 0.4111)

Conversions

Conversions Part 1

Format	Color
Hex	B3BC7F
RGB	179, 188, 127
RGB Percent	70%, 74%, 50%
CMY	0.2980, 0.2627, 0.5019
CMYK	0.05, 0.00, 0.32, 0.26
HSL	69°, 31%, 62%
HSV	69°, 32%, 74%
XYZ	40.4055, 47.0825, 27.0401
YIQ	178.3550, 14.2170, -20.8790

Conversions

Conversions Part 2

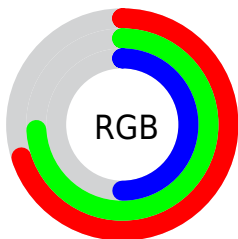
Format	Color
RYB	127, 188, 136
Decimal	11779199
CIELab	74.24, -13.02, 29.88
CIELCh	74, 32.591, 113.546
Yxy	47.0825, 0.3528, 0.4111
Android (android.graphics.Color)	4289969279 (0xFFB3BC7F)
YUV	178.3550, -25.3180, 0.5657
Hunter-Lab	68.6167, -14.9680, 24.6670

Details

The Yxy color **47.0825, 0.3528, 0.4111** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **24.0478, 0.2638, 0.2365**, and the grayscale version is **44.8515, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6588, 0.3461, 0.3961**, and **22.2237, 0.3618, 0.4356** is the 20% darker color. If you saturate the color by 10%, you get **46.3120, 0.3643, 0.4364**, and if you desaturate by 10%, it is **47.9554, 0.3406, 0.3852**.

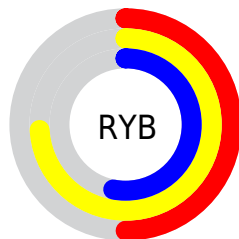
Distribution



Red (70%)

Green (74%)

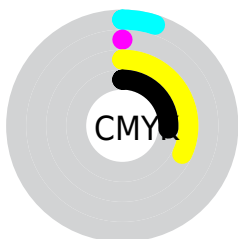
Blue (50%)



Red (50%)

Yellow (74%)

Blue (53%)

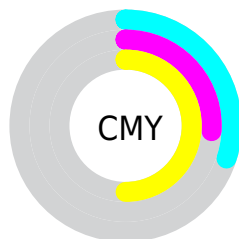


Cyan (5%)

Magenta (0%)

Yellow (32%)

Black (26%)



Cyan (30%)


Magenta (26%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0825, 0.3528, 0.4111 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 47.0825, 0.3528, 0.4111 by changing the saturation by 10% instead.


 47.0825, 0.3528,
0.4111

 47.0825, 0.3528,
0.4111


375.1437, 0.3337,
0.3693

 33.1009, 0.3571,
0.4216


 85.8368, 0.3461,
0.3958

 22.2037, 0.3624,
0.4351


 111.3782, 0.3436,
0.3901

 14.0067, 0.3689,
0.4529


 141.5417, 0.3413,
0.3853

 8.1253, 0.3766,
0.4773

176.7116, 0.3394,
0.3812

 4.1752, 0.3854,
0.5124

217.2724, 0.3377,
0.3776

 1.7721, 0.4094,
0.5906

263.6084, 0.3362,

 0.4697, 0.2149,

0.3745

0.7851

316.1041, 0.3349,
0.3718

0.0000, 0.0000,
0.0000

47.0825, 0.3528,
0.4111

47.0825, 0.3528,
0.4111

46.3120, 0.3643,
0.4364

47.9554, 0.3406,
0.3852

45.6323, 0.3745,
0.4602

48.9290, 0.3281,
0.3596

45.0400, 0.3829,
0.4813


50.0099, 0.3157,
0.3348

44.5288, 0.3891,
0.4989


51.2022, 0.3037,
0.3115


44.0914, 0.3928,
0.5123

52.5099, 0.2924,
0.2897


 43.7192, 0.3939,
0.5212

 53.9366, 0.2818,
0.2696

 43.4686, 0.3935,
0.5258

 55.2510, 0.2741,
0.2548

 55.6325, 0.2761,
0.2552

 56.0210, 0.2780,
0.2556

Harmonies

Analogous

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



47.0825, 0.3882, 0.3971



47.0825, 0.3528, 0.4111



47.0825, 0.3082, 0.3997

Triad

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



47.0825, 0.3528, 0.4111



47.0825, 0.2295, 0.2815



47.0825, 0.3579, 0.2962

Complementary

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



47.0825, 0.3528, 0.4111



24.0478, 0.2638, 0.2365

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.



47.0825, 0.3121, 0.2700



47.0825, 0.3528, 0.4111



47.0825, 0.2403, 0.2602

Square

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



47.0825, 0.3528, 0.4111



47.0825, 0.2387, 0.3191



47.0825, 0.2695, 0.2568



47.0825, 0.3924, 0.3306

Rectangle

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



47.0825, 0.3528, 0.4111



47.0825, 0.2794, 0.3780



47.0825, 0.2695, 0.2568



47.0825, 0.3431, 0.2863

Sweetspot

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



47.0846, 0.3528, 0.4111



89.1020, 0.3252, 0.3538



29.5924, 0.3827, 0.3406



19.1038, 0.3270, 0.3574



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.



47.0846, 0.3528, 0.4111



84.3055, 0.3612, 0.4294



43.9253, 0.3266, 0.4185



11.0473, 0.3242, 0.3518



29.6199, 0.3938, 0.5255



1.1799, 0.4003, 0.5203

Inverse Universe

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



24.0478, 0.2638, 0.2365



36.0096, 0.2505, 0.2126



26.8807, 0.2931, 0.2438



9.2911, 0.3006, 0.3054



2.6581, 0.1566, 0.0637



0.1260, 0.1754, 0.0740

Previews

White Background



This preview shows how the Yxy color 47.0825, 0.3528, 0.4111 looks on a white background.

Color Contrast Check

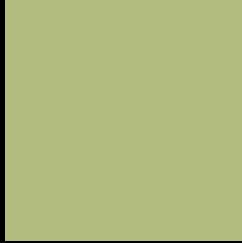
Large Text (above 18pt) WCAG AA × Fail

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 47.0825, 0.3528, 0.4111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

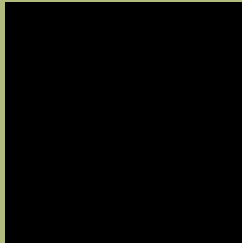
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0825, 0.3528, 0.4111

Background



This preview shows how black text looks on a background with the Yxy color 47.0825, 0.3528, 0.4111.



This preview shows how white text looks on a background with the Yxy color 47.0825, 0.3528, 0.4111.

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

47.0825, 0.3528, 0.4111

Protanopia

46.8069, 0.3733, 0.4021

Deuteranopia

47.0234, 0.3911, 0.3833



Tritanopia

47.2289, 0.3085, 0.3113

Trichromacy



Original Color

47.0825, 0.3528, 0.4111

Protanomaly

46.7345, 0.3651, 0.4049

Deuteranomaly

46.9240, 0.3765, 0.3933

Tritanomaly

47.0835, 0.3248, 0.3460

Monochromacy



Original Color

47.0825, 0.3528, 0.4111

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.4241, 0.3277, 0.3601

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0825, 0.3528, 0.4111 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(179, 188, 127)` looks like.

```
.text, #text, p{  
    color:rgb(179, 188, 127)  
}
```

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(179, 188, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 188, 127) }
```

Border

The CSS property to change the border of an element to Yxy 47.0825, 0.3528, 0.4111 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(179, 188, 127) }
```

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

```
.border{ border-color:rgb(179, 188, 127) }
```

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

Here you see how a box with a 4 pixel rgb(179, 188, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 188, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 188, 127);  
box-shadow:4px 4px 4px 4px rgb(179, 188,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0825, 0.3528, 0.4111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 188, 127) }
```

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

```
.background{ background-color: rgb(179,  
188, 127) }
```

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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