

Converting Colors

$Y_{xy}(47.7723, 0.3550, 0.4105)$

Have a look what the booklet for
Yxy(47.7723, 0.3550, 0.4105)
contains.

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Color

Yxy(47.8726, 0.3552, 0.4115)

Conversions

Conversions Part 1

Format	Color
Hex	B6BD7F
RGB	182, 189, 127
RGB Percent	71%, 74%, 50%
CMY	0.2862, 0.2588, 0.5019
CMYK	0.04, 0.00, 0.33, 0.26
HSL	67°, 32%, 62%
HSV	67°, 33%, 74%
XYZ	41.3228, 47.8726, 27.1414
YIQ	179.8390, 15.7300, -20.7660

Conversions

Conversions Part 2

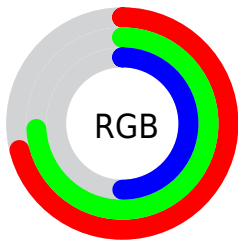
Format	Color
RYB	127, 189, 134
Decimal	11976063
CIELab	74.74, -12.36, 30.59
CIELCh	75, 32.989, 112.003
Yxy	47.8726, 0.3552, 0.4115
Android (android.graphics.Color)	4290166143 (0xFFB6BD7F)
YUV	179.8390, -26.0496, 1.8952
Hunter-Lab	69.1900, -14.4758, 25.1752

Details

The Yxy color $47.8726, 0.3552, 0.4115$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $23.9207, 0.2611, 0.2348$, and the grayscale version is $45.6894, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.9508, 0.3487, 0.3964$, and $22.7333, 0.3650, 0.4356$ is the 20% darker color. If you saturate the color by 10%, you get $47.1700, 0.3673, 0.4363$, and if you desaturate by 10%, it is $48.6759, 0.3423, 0.3859$.

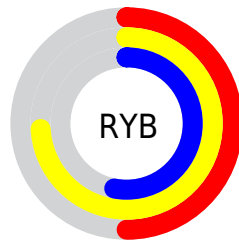
Distribution



Red (71%)

Green (74%)

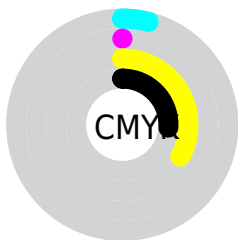
Blue (50%)



Red (50%)

Yellow (74%)

Blue (53%)

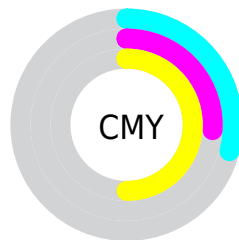


Cyan (4%)

Magenta (0%)

Yellow (33%)

Black (26%)



Cyan (29%)


Magenta (26%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.8726, 0.3552, 0.4115 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 47.8726, 0.3552, 0.4115 by changing the saturation by 10% instead.


 47.8726, 0.3552,
0.4115

 47.8726, 0.3552,
0.4115


378.2869, 0.3350,
0.3697


 33.7260, 0.3598,
0.4219


 87.0147, 0.3481,
0.3963

 22.6832, 0.3654,
0.4353


 112.7790, 0.3454,
0.3906

 14.3598, 0.3723,
0.4528

 143.1846, 0.3430,
0.3858

 8.3713, 0.3805,
0.4767

178.6160, 0.3410,
0.3816

 4.3334, 0.3899,
0.5106

219.4575, 0.3392,
0.3781

 1.8618, 0.4147,
0.5853

266.0936, 0.3376,

 0.5252, 0.2733,

0.3749

0.7267

318.9086, 0.3362,
0.3722

0.0000, 0.0000,
0.0000

47.8726, 0.3552,
0.4115

47.8726, 0.3552,
0.4115

47.1700, 0.3673,
0.4363

48.6759, 0.3423,
0.3859

46.5565, 0.3781,
0.4594

49.5781, 0.3292,
0.3604

46.0284, 0.3871,
0.4798


50.5861, 0.3163,
0.3357

45.5794, 0.3938,
0.4965


51.7038, 0.3038,
0.3123

45.2022, 0.3980,
0.5090


52.9354, 0.2919,
0.2903

 44.8880, 0.3996,
0.5171

 54.2845, 0.2808,
0.2701

 44.6886, 0.3996,
0.5209

 55.4744, 0.2732,
0.2557

 55.7637, 0.2746,
0.2560

 56.0570, 0.2761,
0.2563

Harmonies

Analogous

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



47.8726, 0.3900, 0.3963



47.8726, 0.3552, 0.4115



47.8726, 0.3105, 0.4015

Triad

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



47.8726, 0.3552, 0.4115



47.8726, 0.2290, 0.2827



47.8726, 0.3560, 0.2944

Complementary

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



47.8726, 0.3552, 0.4115



23.9207, 0.2611, 0.2348

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.



47.8726, 0.3097, 0.2686



47.8726, 0.3552, 0.4115



47.8726, 0.2389, 0.2604

Square

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



47.8726, 0.3552, 0.4115



47.8726, 0.2392, 0.3213



47.8726, 0.2673, 0.2562



47.8726, 0.3916, 0.3287

Rectangle

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



47.8726, 0.3552, 0.4115



47.8726, 0.2813, 0.3803



47.8726, 0.2673, 0.2562



47.8726, 0.3409, 0.2846

Sweetspot

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



47.8747, 0.3552, 0.4115



89.2530, 0.3258, 0.3538



29.1818, 0.3847, 0.3378



19.1407, 0.3276, 0.3573



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.



47.8747, 0.3552, 0.4115



84.8647, 0.3636, 0.4286



44.5838, 0.3285, 0.4191



11.0645, 0.3247, 0.3518



30.0888, 0.3999, 0.5207



1.1943, 0.4048, 0.5168

Inverse Universe

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



23.9207, 0.2611, 0.2348



35.6611, 0.2481, 0.2118



26.7675, 0.2907, 0.2422



9.2754, 0.3001, 0.3054



2.5988, 0.1545, 0.0625



0.1191, 0.1697, 0.0708

Previews

White Background



This preview shows how the Yxy color 47.8726, 0.3552, 0.4115 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 47.8726, 0.3552, 0.4115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

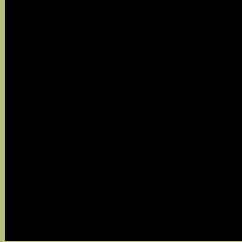
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

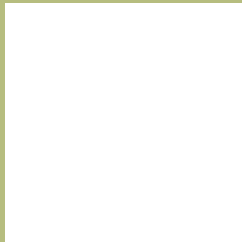
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.8726, 0.3552, 0.4115

Background



This preview shows how black text looks on a background with the Yxy color 47.8726, 0.3552, 0.4115.



This preview shows how white text looks on a background with the Yxy color 47.8726, 0.3552, 0.4115.

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

47.8726, 0.3552, 0.4115

Protanopia

47.9038, 0.3743, 0.4039

Deuteranopia

47.7224, 0.3925, 0.3841



Tritanopia

48.0642, 0.3102, 0.3115

Trichromacy



Original Color

47.8726, 0.3552, 0.4115

Protanomaly

47.9616, 0.3671, 0.4065

Deuteranomaly

47.7545, 0.3789, 0.3938

Tritanomaly

47.8746, 0.3273, 0.3472

Monochromacy



Original Color

47.8726, 0.3552, 0.4115

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.2639, 0.3286, 0.3584

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8726, 0.3552, 0.4115 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(182, 189, 127)` looks like.

```
.text, #text, p{  
    color:rgb(182, 189, 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(182, 189, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 189, 127) }
```

Border

The CSS property to change the border of an element to Yxy 47.8726, 0.3552, 0.4115 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(182, 189, 127) }
```

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

```
.border{ border-color:rgb(182, 189, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 189, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 189, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 189, 127);  
box-shadow:4px 4px 4px 4px rgb(182, 189,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8726, 0.3552, 0.4115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 189, 127) }
```

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

```
.background{ background-color: rgb(182,  
189, 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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