

Converting Colors

$Yxy(47.2669, 0.2999, 0.3889)$

Have a look what the booklet for
Yxy(47.2669, 0.2999, 0.3889)
contains.

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Color

Yxy(47.4757, 0.3000, 0.3897)

Conversions

Conversions Part 1

Format	Color
Hex	8DC49A
RGB	141, 196, 154
RGB Percent	55%, 77%, 60%
CMY	0.4473, 0.2313, 0.3961
CMYK	0.28, 0.00, 0.21, 0.23
HSL	134°, 32%, 66%
HSV	134°, 28%, 77%
XYZ	36.5479, 47.4757, 37.8027
YIQ	174.7670, -19.2980, -24.7220

Conversions

Conversions Part 2

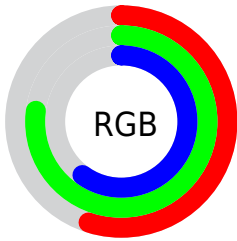
Format	Color
RYB	141, 185, 196
Decimal	9290906
CIELab	74.49, -26.47, 15.46
CIELCh	74, 30.649, 149.717
Yxy	47.4757, 0.3000, 0.3897
Android (android.graphics.Color)	4287480986 (0xFF8DC49A)
YUV	174.7670, -10.2381, -29.6137
Hunter-Lab	68.9026, -25.8982, 15.7030

Details

The Yxy color $47.4757, 0.3000, 0.3897$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $34.1865, 0.3286, 0.2752$, and the grayscale version is $42.7982, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.5404, 0.3031, 0.3787$, and $22.4491, 0.2953, 0.4082$ is the 20% darker color. If you saturate the color by 10%, you get $45.4420, 0.2959, 0.4158$, and if you desaturate by 10%, it is $49.8795, 0.3044, 0.3659$.

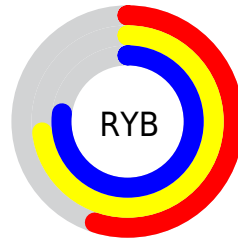
Distribution



Red (55%)

Green (77%)

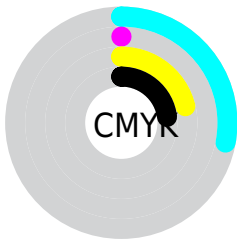
Blue (60%)



Red (55%)

Yellow (73%)

Blue (77%)

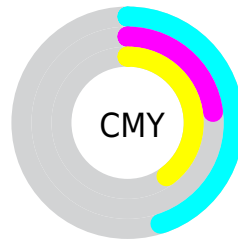


Cyan (28%)

Magenta (0%)

Yellow (21%)

Black (23%)



Cyan (45%)

Magenta (23%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.4757, 0.3000, 0.3897 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 47.4757, 0.3000, 0.3897 by changing the saturation by 10% instead.


 47.4757, 0.3000,
0.3897

 47.4757, 0.3000,
0.3897


376.7101, 0.3069,
0.3583


 33.4119, 0.2981,
0.3979

 86.4233, 0.3027,
0.3780

 22.4422, 0.2955,
0.4086


 112.0758, 0.3036,
0.3737

 14.1821, 0.2918,
0.4233


 142.3600, 0.3044,
0.3701

 8.2475, 0.2863,
0.4445

177.6603, 0.3051,
0.3670

 4.2537, 0.2771,
0.4775

218.3610, 0.3056,
0.3644

 1.8165, 0.2616,
0.5402

264.8467, 0.3061,

 0.4974, 0.0000,

0.3621

1.0000

317.5016, 0.3066,
0.3601

0.0000, 0.0000,
0.0000

47.4757, 0.3000,
0.3897

47.4757, 0.3000,
0.3897

45.4420, 0.2959,
0.4158

49.8795, 0.3044,
0.3659

43.7542, 0.2924,
0.4437

52.6645, 0.3090,
0.3445

42.3942, 0.2898,
0.4726


55.8487, 0.3136,
0.3256


41.3402, 0.2884,
0.5012

59.4469, 0.3180,
0.3090

40.5674, 0.2884,
0.5281


63.4736, 0.3223,
0.2946

 40.0469, 0.2898,
0.5517

 67.2633, 0.3236,
0.2816

 39.7362, 0.2923,
0.5707

 67.9680, 0.3154,
0.2713

 39.6887, 0.2927,
0.5739

Harmonies

Analogous

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



47.4757, 0.3423, 0.4057



47.4757, 0.3000, 0.3897



47.4757, 0.2628, 0.3535

Triad

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



47.4757, 0.3000, 0.3897



47.4757, 0.2489, 0.2622



47.4757, 0.3915, 0.3379

Complementary

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



47.4757, 0.3000, 0.3897



34.1865, 0.3286, 0.2752

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.



47.4757, 0.3631, 0.3045



47.4757, 0.3000, 0.3897



47.4757, 0.2796, 0.2623

Square

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



47.4757, 0.3000, 0.3897



47.4757, 0.2349, 0.2790



47.4757, 0.3212, 0.2776



47.4757, 0.3968, 0.3716

Rectangle

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



47.4757, 0.3000, 0.3897



47.4757, 0.2455, 0.3252



47.4757, 0.3212, 0.2776



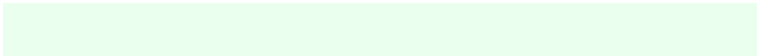
47.4757, 0.3843, 0.3264

Sweetspot

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



47.4777, 0.3000, 0.3897



95.3718, 0.3090, 0.3445



51.4967, 0.3436, 0.4011



20.2387, 0.3083, 0.3477



0.0000, 0.0000, 0.0000



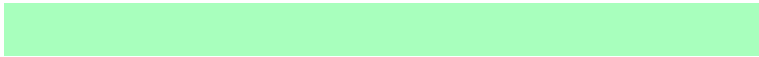
21.4041, 0.3127, 0.3290

Same Dimension

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



47.4777, 0.3000, 0.3897



83.5451, 0.2973, 0.4063



48.4948, 0.2817, 0.3494



11.2971, 0.3084, 0.3471



25.5079, 0.2921, 0.5717



1.1133, 0.2796, 0.5267

Inverse Universe

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



34.1865, 0.3286, 0.2752



55.3430, 0.3332, 0.2626



33.1565, 0.3572, 0.3096



10.2054, 0.3173, 0.3116



8.9605, 0.3908, 0.1926



0.3973, 0.3721, 0.1824

Previews

White Background



This preview shows how the Yxy color 47.4757, 0.3000, 0.3897 looks on a white background.

Color Contrast Check

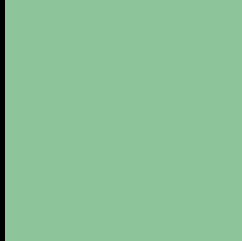
Large Text (above 18pt) WCAG AA × Fail

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 47.4757, 0.3000, 0.3897 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 47.4757, 0.3000, 0.3897

Background



This preview shows how black text looks on a background with the Yxy color 47.4757, 0.3000, 0.3897.



This preview shows how white text looks on a background with the Yxy color 47.4757, 0.3000, 0.3897.

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

47.4757, 0.3000, 0.3897

Protanopia

47.0318, 0.3522, 0.3744

Deuteranopia

47.0746, 0.3582, 0.3514



Tritanopia

47.2389, 0.2724, 0.3088

Trichromacy



Original Color

47.4757, 0.3000, 0.3897

Protanomaly

46.8566, 0.3315, 0.3792

Deuteranomaly

46.4916, 0.3345, 0.3635

Tritanomaly

47.4475, 0.2825, 0.3372

Monochromacy



Original Color

47.4757, 0.3000, 0.3897

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

44.4435, 0.3083, 0.3512

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4757, 0.3000, 0.3897 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(141, 196, 154)` looks like.

```
.text, #text, p{  
    color:rgb(141, 196, 154)  
}
```

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(141, 196, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 196, 154) }
```

Border

The CSS property to change the border of an element to Yxy 47.4757, 0.3000, 0.3897 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(141, 196, 154) }
```

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

```
.border{ border-color:rgb(141, 196, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 196, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 196, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 196, 154);  
box-shadow:4px 4px 4px 4px rgb(141, 196,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4757, 0.3000, 0.3897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 196, 154) }
```

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

```
.background{ background-color: rgb(141,  
196, 154) }
```

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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