

Converting Colors

$Yxy(47.1600, 0.3138, 0.3932)$

Have a look what the booklet for
Yxy(47.1600, 0.3138, 0.3932)
contains.

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Color

Yxy(47.0504, 0.3137, 0.3930)

Conversions

Conversions Part 1

Format	Color
Hex	99C194
RGB	153, 193, 148
RGB Percent	60%, 76%, 58%
CMY	0.3999, 0.2431, 0.4196
CMYK	0.21, 0.00, 0.23, 0.24
HSL	113°, 27%, 67%
HSV	113°, 23%, 76%
XYZ	37.5565, 47.0504, 35.1142
YIQ	175.9100, -9.3950, -22.4750

Conversions

Conversions Part 2

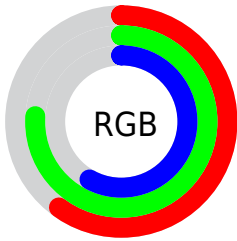
Format	Color
RYB	148, 193, 188
Decimal	10076564
CIELab	74.22, -21.98, 18.40
CIELCh	74, 28.670, 140.068
Yxy	47.0504, 0.3137, 0.3930
Android (android.graphics.Color)	4288266644 (0xFF99C194)
YUV	175.9100, -13.7596, -20.0921
Hunter-Lab	68.5933, -22.3051, 17.6636

Details

The Yxy color **47.0504, 0.3137, 0.3930** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.7117, 0.3105, 0.2709**, and the grayscale version is **43.4474, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.0454, 0.3140, 0.3813**, and **22.0950, 0.3130, 0.4127** is the 20% darker color. If you saturate the color by 10%, you get **44.9415, 0.3137, 0.4253**, and if you desaturate by 10%, it is **49.5047, 0.3134, 0.3635**.

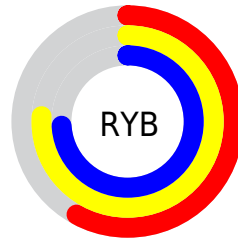
Distribution



Red (60%)

Green (76%)

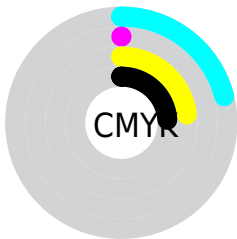
Blue (58%)



Red (58%)

Yellow (76%)

Blue (74%)

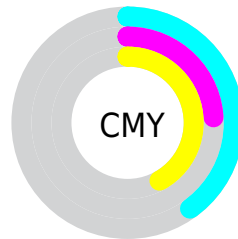


Cyan (21%)

Magenta (0%)

Yellow (23%)

Black (24%)



Cyan (40%)


Magenta (24%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0504, 0.3137, 0.3930 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 47.0504, 0.3137, 0.3930 by changing the saturation by 10% instead.


 47.0504, 0.3137,
0.3930


 47.0504, 0.3137,
0.3930


375.0157, 0.3138,
0.3599

 33.0755, 0.3134,
0.4016


 85.7888, 0.3139,
0.3807

 22.1843, 0.3130,
0.4129


 111.3212, 0.3139,
0.3762

 13.9924, 0.3121,
0.4282


141.4748, 0.3139,
0.3724

 8.1154, 0.3104,
0.4502

176.6341, 0.3139,
0.3691

 4.1689, 0.3065,
0.4844

217.1834, 0.3139,
0.3663

 1.7685, 0.3054,
0.5594

263.5072, 0.3139,

 0.4674, 0.0000,

0.3639

1.0000

315.9898, 0.3139,
0.3618

0.0000, 0.0000,
0.0000

47.0504, 0.3137,
0.3930

47.0504, 0.3137,
0.3930

44.9415, 0.3137,
0.4253

49.5047, 0.3134,
0.3635

43.1567, 0.3132,
0.4594

52.3126, 0.3129,
0.3371

41.6817, 0.3123,
0.4939

55.4896, 0.3123,
0.3138

40.4987, 0.3109,
0.5268

59.0483, 0.3115,
0.2935

39.5881, 0.3089,
0.5554

63.0009, 0.3108,
0.2759

■ 38.9279, 0.3066,
0.5776

■ 66.6187, 0.3156,
0.2683

■ 38.4923, 0.3040,
0.5919

■ 38.3052, 0.3027,
0.5979

Harmonies

Analogous

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



47.0504, 0.3527, 0.4007



47.0504, 0.3137, 0.3930



47.0504, 0.2760, 0.3641

Triad

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



47.0504, 0.3137, 0.3930



47.0504, 0.2465, 0.2695



47.0504, 0.3801, 0.3271

Complementary

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



47.0504, 0.3137, 0.3930



35.7117, 0.3105, 0.2709

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.



47.0504, 0.3482, 0.2968



47.0504, 0.3137, 0.3930



47.0504, 0.2709, 0.2644

Square

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



47.0504, 0.3137, 0.3930



47.0504, 0.2389, 0.2906



47.0504, 0.3076, 0.2744



47.0504, 0.3926, 0.3596

Rectangle

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



47.0504, 0.3137, 0.3930



47.0504, 0.2565, 0.3383



47.0504, 0.3076, 0.2744



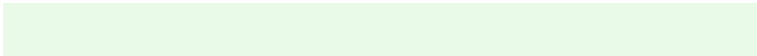
47.0504, 0.3712, 0.3165

Sweetspot

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



47.0524, 0.3137, 0.3930



91.7134, 0.3131, 0.3467



49.3330, 0.3489, 0.3802



19.6095, 0.3132, 0.3483



97.7402, 0.3127, 0.3290



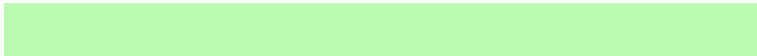
20.4902, 0.3127, 0.3290

Same Dimension

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



47.0524, 0.3137, 0.3930



82.2643, 0.3137, 0.4092



47.1591, 0.2975, 0.3683



11.3117, 0.3132, 0.3527



25.4963, 0.3031, 0.5975



1.1200, 0.3130, 0.5897

Inverse Universe

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



35.7117, 0.3105, 0.2709



58.3958, 0.3098, 0.2578



35.6381, 0.3318, 0.2928



10.1883, 0.3120, 0.3062



8.3678, 0.2931, 0.1388



0.3782, 0.2997, 0.1425

Previews

White Background



This preview shows how the Yxy color 47.0504, 0.3137, 0.3930 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 47.0504, 0.3137, 0.3930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

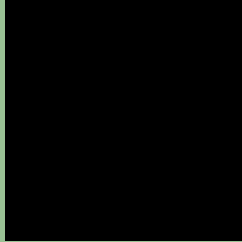
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0504, 0.3137, 0.3930

Background



This preview shows how black text looks on a background with the Yxy color 47.0504, 0.3137, 0.3930.



This preview shows how white text looks on a background with the Yxy color 47.0504, 0.3137, 0.3930.

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

47.0504, 0.3137, 0.3930

Protanopia

46.9084, 0.3555, 0.3796

Deuteranopia

46.6286, 0.3648, 0.3576



Tritanopia

47.0162, 0.2827, 0.3091

Trichromacy



Original Color

47.0504, 0.3137, 0.3930

Protanomaly

46.7459, 0.3392, 0.3843

Deuteranomaly

46.5091, 0.3442, 0.3698

Tritanomaly

47.1435, 0.2939, 0.3385

Monochromacy



Original Color

47.0504, 0.3137, 0.3930

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

44.5339, 0.3134, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0504, 0.3137, 0.3930 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(153, 193, 148)` looks like.

```
.text, #text, p{  
    color:rgb(153, 193, 148)  
}
```

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(153, 193, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 193, 148) }
```

Border

The CSS property to change the border of an element to Yxy 47.0504, 0.3137, 0.3930 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(153, 193, 148) }
```

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

```
.border{ border-color:rgb(153, 193, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 193, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 193, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 193, 148);  
box-shadow:4px 4px 4px 4px rgb(153, 193,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0504, 0.3137, 0.3930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 193, 148) }
```

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

```
.background{ background-color: rgb(153,  
193, 148) }
```

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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