

Converting Colors

$Yxy(47.6181, 0.3110, 0.3912)$

Have a look what the booklet for
Yxy(47.6181, 0.3110, 0.3912)
contains.

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Color

Yxy(47.4610, 0.3114, 0.3915)

Conversions

Conversions Part 1

Format	Color
Hex	98C296
RGB	152, 194, 150
RGB Percent	60%, 76%, 59%
CMY	0.4037, 0.2392, 0.4118
CMYK	0.22, 0.00, 0.23, 0.24
HSL	117°, 27%, 67%
HSV	117°, 23%, 76%
XYZ	37.7506, 47.4610, 36.0170
YIQ	176.4260, -10.9080, -22.5880

Conversions

Conversions Part 2

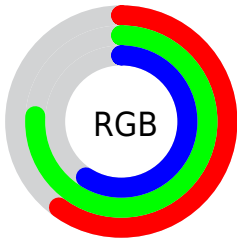
Format	Color
RYB	150, 194, 192
Decimal	10011286
CIELab	74.48, -22.48, 17.69
CIELCh	74, 28.605, 141.804
Yxy	47.4610, 0.3114, 0.3915
Android (android.graphics.Color)	4288201366 (0xFF98C296)
YUV	176.4260, -13.0280, -21.4216
Hunter-Lab	68.8919, -22.7486, 17.2273

Details

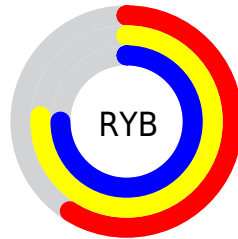
The Yxy color **47.4610, 0.3114, 0.3915** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.8995, 0.3134, 0.2730**, and the grayscale version is **43.7282, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.6194, 0.3122, 0.3802**, and **22.3663, 0.3099, 0.4105** is the 20% darker color. If you saturate the color by 10%, you get **45.2411, 0.3105, 0.4241**, and if you desaturate by 10%, it is **50.0666, 0.3121, 0.3619**.

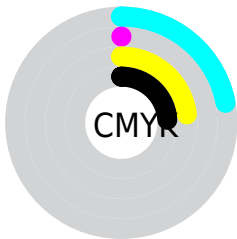
Distribution



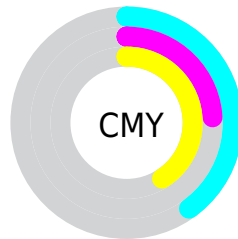
- Red (60%)
- Green (76%)
- Blue (59%)



- Red (59%)
- Yellow (76%)
- Blue (75%)



- Cyan (22%)
- Magenta (0%)
- Yellow (23%)
- Black (24%)





- Cyan (40%)
- Magenta (24%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.4610, 0.3114, 0.3915 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 47.4610, 0.3114, 0.3915 by changing the saturation by 10% instead.


 47.4610, 0.3114,
0.3915

 47.4610, 0.3114,
0.3915


376.6517, 0.3127,
0.3592

 33.4002, 0.3109,
0.3999


 86.4013, 0.3120,
0.3795

 22.4332, 0.3101,
0.4109


 112.0497, 0.3122,
0.3751

 14.1756, 0.3088,
0.4258

142.3294, 0.3123,
0.3714

 8.2429, 0.3065,
0.4472

177.6248, 0.3124,
0.3682

 4.2508, 0.3019,
0.4804

218.3204, 0.3125,
0.3655

 1.8148, 0.2971,
0.5489

264.8004, 0.3126,

 0.4964, 0.0000,

0.3631

1.0000

317.4494, 0.3126,
0.3610

0.0000, 0.0000,
0.0000

47.4610, 0.3114,
0.3915

47.4610, 0.3114,
0.3915

45.2411, 0.3105,
0.4241

50.0666, 0.3121,
0.3619

43.3828, 0.3093,
0.4588

53.0685, 0.3126,
0.3355

41.8688, 0.3079,
0.4940

56.4846, 0.3130,
0.3125

40.6780, 0.3064,
0.5276

60.3297, 0.3132,
0.2925

39.7868, 0.3047,
0.5568

64.6179, 0.3133,
0.2753

■ 39.1685, 0.3030,
0.5792

■ 67.0618, 0.3155,
0.2693

■ 38.7917, 0.3016,
0.5933

■ 38.6405, 0.3009,
0.5993

Harmonies

Analogous

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



47.4610, 0.3504, 0.4005



47.4610, 0.3114, 0.3915



47.4610, 0.2743, 0.3618

Triad

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



47.4610, 0.3114, 0.3915



47.4610, 0.2478, 0.2691



47.4610, 0.3811, 0.3290

Complementary

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



47.4610, 0.3114, 0.3915



36.8995, 0.3134, 0.2730

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.



47.4610, 0.3502, 0.2986



47.4610, 0.3114, 0.3915



47.4610, 0.2729, 0.2649

Square

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



47.4610, 0.3114, 0.3915



47.4610, 0.2392, 0.2892



47.4610, 0.3100, 0.2757



47.4610, 0.3922, 0.3612

Rectangle

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



47.4610, 0.3114, 0.3915



47.4610, 0.2554, 0.3360



47.4610, 0.3100, 0.2757



47.4610, 0.3726, 0.3184

Sweetspot

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



47.4630, 0.3114, 0.3915



93.6548, 0.3124, 0.3468



51.2797, 0.3471, 0.3823



20.4357, 0.3124, 0.3484



0.0000, 0.0000, 0.0000



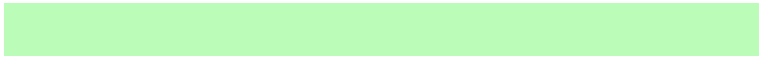
21.4041, 0.3127, 0.3290

Same Dimension

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



47.4630, 0.3114, 0.3915



84.0025, 0.3110, 0.4066



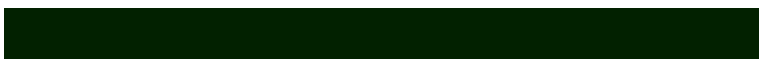
47.9584, 0.2958, 0.3628



11.2808, 0.3123, 0.3527



25.4162, 0.3012, 0.5991



1.1061, 0.3056, 0.5956

Inverse Universe

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



36.8995, 0.3134, 0.2730



61.6444, 0.3134, 0.2611



36.3391, 0.3341, 0.2975



10.2227, 0.3130, 0.3063



9.3447, 0.3093, 0.1478



0.4113, 0.3121, 0.1493

Previews

White Background



This preview shows how the Yxy color 47.4610, 0.3114, 0.3915 looks on a white background.

Color Contrast Check

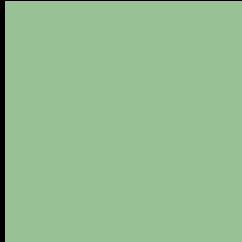
Large Text (above 18pt) WCAG AA × Fail

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 47.4610, 0.3114, 0.3915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

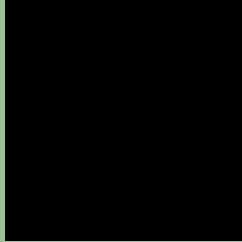
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.4610, 0.3114, 0.3915

Background



This preview shows how black text looks on a background with the Yxy color 47.4610, 0.3114, 0.3915.



This preview shows how white text looks on a background with the Yxy color 47.4610, 0.3114, 0.3915.

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

47.4610, 0.3114, 0.3915

Protanopia

46.9388, 0.3547, 0.3783

Deuteranopia

47.2326, 0.3637, 0.3562



Tritanopia

47.3820, 0.2814, 0.3092

Trichromacy



Original Color

47.4610, 0.3114, 0.3915

Protanomaly

46.7768, 0.3384, 0.3829

Deuteranomaly

47.1140, 0.3433, 0.3682

Tritanomaly

47.5149, 0.2925, 0.3385

Monochromacy



Original Color

47.4610, 0.3114, 0.3915

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

44.8725, 0.3117, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4610, 0.3114, 0.3915 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(152, 194, 150)` looks like.

```
.text, #text, p{  
    color:rgb(152, 194, 150)  
}
```

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(152, 194, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 194, 150) }
```

Border

The CSS property to change the border of an element to Yxy 47.4610, 0.3114, 0.3915 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(152, 194, 150) }
```

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

```
.border{ border-color:rgb(152, 194, 150) }
```

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

Here you see how a box with a 4 pixel rgb(152, 194, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 194, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 194, 150);  
box-shadow:4px 4px 4px 4px rgb(152, 194,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4610, 0.3114, 0.3915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 194, 150) }
```

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

```
.background{ background-color: rgb(152,  
194, 150) }
```

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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