

Converting Colors

$Yxy(48.5502, 0.3174, 0.4295)$

Have a look what the booklet for
Yxy(48.5502, 0.3174, 0.4295)
contains.

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Color

Yxy(48.7599, 0.3175, 0.4300)

Conversions

Conversions Part 1

Format	Color
Hex	8FC882
RGB	143, 200, 130
RGB Percent	56%, 78%, 51%
CMY	0.4395, 0.2156, 0.4902
CMYK	0.29, 0.00, 0.35, 0.22
HSL	109°, 39%, 65%
HSV	109°, 35%, 78%
XYZ	36.0029, 48.7599, 28.6323
YIQ	174.9770, -11.5020, -33.8540

Conversions

Conversions Part 2

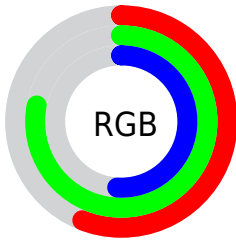
Format	Color
RYB	130, 200, 187
Decimal	9422978
CIELab	75.30, -31.77, 29.28
CIELCh	75, 43.206, 137.331
Yxy	48.7599, 0.3175, 0.4300
Android (android.graphics.Color)	4287613058 (0xFF8FC882)
YUV	174.9770, -22.1737, -28.0438
Hunter-Lab	69.8283, -30.1662, 24.5686

Details

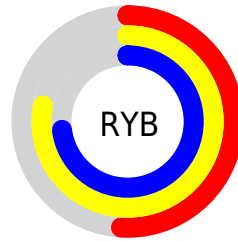
The Yxy color **48.7599, 0.3175, 0.4300** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **30.7108, 0.3037, 0.2396**, and the grayscale version is **42.9730, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.9865, 0.3175, 0.4079**, and **23.3106, 0.3157, 0.4616** is the 20% darker color. If you saturate the color by 10%, you get **46.9258, 0.3179, 0.4637**, and if you desaturate by 10%, it is **50.9141, 0.3166, 0.3979**.

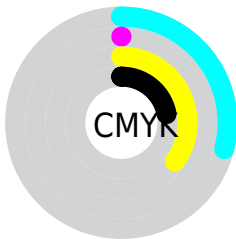
Distribution



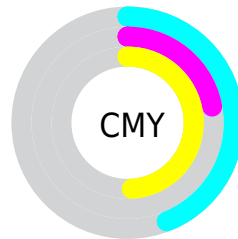
- Red (56%)
- Green (78%)
- Blue (51%)



- Red (51%)
- Yellow (78%)
- Blue (73%)



- Cyan (29%)
- Magenta (0%)
- Yellow (35%)
- Black (22%)





- Cyan (44%)
- Magenta (22%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.7599, 0.3175, 0.4300 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 48.7599, 0.3175, 0.4300 by changing the saturation by 10% instead.

 48.7599, 0.3175,
0.4300

 48.7599, 0.3175,
0.4300

381.7963, 0.3167,
0.3774

 34.4291, 0.3171,
0.4437


 88.3347, 0.3176,
0.4104

 23.2234, 0.3162,
0.4616


 114.3475, 0.3175,
0.4032

 14.7586, 0.3144,
0.4858


 145.0231, 0.3174,
0.3972

 8.6501, 0.3104,
0.5201

180.7458, 0.3173,
0.3920

 4.5137, 0.3013,
0.5717

221.9001, 0.3171,
0.3876

 1.9649, 0.2981,
0.7019

268.8704, 0.3170,

 0.5869, 0.0000,

0.3837

1.0000

322.0410, 0.3168,
0.3804

0.0000, 0.0000,
0.0000

48.7599, 0.3175,
0.4300

48.7599, 0.3175,
0.4300

46.9258, 0.3179,
0.4637

50.9141, 0.3166,
0.3979

45.3903, 0.3175,
0.4973

53.3962, 0.3152,
0.3681

44.1391, 0.3162,
0.5290


56.2216, 0.3136,
0.3413

43.1541, 0.3139,
0.5563


59.4029, 0.3118,
0.3175

42.4150, 0.3109,
0.5773

62.9517, 0.3100,
0.2965

 41.8984, 0.3074,
0.5908

 66.8796, 0.3082,
0.2781

 41.7088, 0.3058,
0.5954

 69.7962, 0.3152,
0.2752

Harmonies

Analogous

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



48.7599, 0.3744, 0.4352



48.7599, 0.3175, 0.4300



48.7599, 0.2622, 0.3875

Triad

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



48.7599, 0.3175, 0.4300



48.7599, 0.2154, 0.2438



48.7599, 0.4102, 0.3200

Complementary

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



48.7599, 0.3175, 0.4300



30.7108, 0.3037, 0.2396

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.



48.7599, 0.3595, 0.2788



48.7599, 0.3175, 0.4300



48.7599, 0.2472, 0.2361

Square

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



48.7599, 0.3175, 0.4300



48.7599, 0.2068, 0.2744



48.7599, 0.2987, 0.2490



48.7599, 0.4314, 0.3660

Rectangle

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



48.7599, 0.3175, 0.4300



48.7599, 0.2335, 0.3472



48.7599, 0.2987, 0.2490



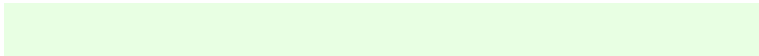
48.7599, 0.3958, 0.3054

Sweetspot

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



48.7620, 0.3175, 0.4300



94.2414, 0.3146, 0.3575



49.0167, 0.3704, 0.3998



20.0309, 0.3148, 0.3612



0.0000, 0.0000, 0.0000



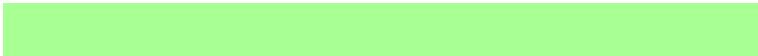
21.4041, 0.3127, 0.3290

Same Dimension

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



48.7620, 0.3175, 0.4300



81.9458, 0.3178, 0.4555



48.2966, 0.2942, 0.4009



11.9806, 0.3143, 0.3527



26.5438, 0.3064, 0.5949



1.2862, 0.3199, 0.5842

Inverse Universe

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



30.7108, 0.3037, 0.2396



46.0664, 0.3009, 0.2202



31.5019, 0.3383, 0.2668



10.7137, 0.3109, 0.3060



7.6417, 0.2750, 0.1288



0.3883, 0.2851, 0.1344

Previews

White Background



This preview shows how the Yxy color 48.7599, 0.3175, 0.4300 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 48.7599, 0.3175, 0.4300 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 48.7599, 0.3175, 0.4300

Background



This preview shows how black text looks on a background with the Yxy color 48.7599, 0.3175, 0.4300.



This preview shows how white text looks on a background with the Yxy color 48.7599, 0.3175, 0.4300.

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

48.7599, 0.3175, 0.4300

Protanopia

48.4325, 0.3756, 0.4060

Deuteranopia

48.2536, 0.3877, 0.3794



Tritanopia

48.7858, 0.2756, 0.3092

Trichromacy



Original Color

48.7599, 0.3175, 0.4300

Protanomaly

47.9170, 0.3529, 0.4148

Deuteranomaly

47.4677, 0.3600, 0.3968

Tritanomaly

48.3772, 0.2909, 0.3510

Monochromacy



Original Color

48.7599, 0.3175, 0.4300

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

44.5707, 0.3144, 0.3640

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7599, 0.3175, 0.4300 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(143, 200, 130)` looks like.

```
.text, #text, p{  
    color:rgb(143, 200, 130)  
}
```

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(143, 200, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 200, 130) }
```

Border

The CSS property to change the border of an element to Yxy 48.7599, 0.3175, 0.4300 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(143, 200, 130) }
```

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

```
.border{ border-color:rgb(143, 200, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 200, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 200, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 200, 130);  
box-shadow:4px 4px 4px 4px rgb(143, 200,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7599, 0.3175, 0.4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 200, 130) }
```

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

```
.background{ background-color: rgb(143,  
200, 130) }
```

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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