

Converting Colors

$Yxy(48.2380, 0.3054, 0.3871)$

Have a look what the booklet for
Yxy(48.2380, 0.3054, 0.3871)
contains.

Yxy(48.2360, 0.3054, 0.3871)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.2360, 0.3054, 0.3871)

Conversions

Conversions Part 1

Format	Color
Hex	95C49B
RGB	149, 196, 155
RGB Percent	58%, 77%, 61%
CMY	0.4156, 0.2314, 0.3921
CMYK	0.24, 0.00, 0.21, 0.23
HSL	128°, 28%, 68%
HSV	128°, 24%, 77%
XYZ	38.0555, 48.2360, 38.3172
YIQ	177.2730, -14.8510, -22.7150

Conversions

Conversions Part 2

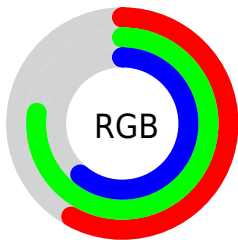
Format	Color
RYB	149, 191, 196
Decimal	9815195
CIELab	74.97, -23.61, 15.65
CIELCh	75, 28.322, 146.459
Yxy	48.2360, 0.3054, 0.3871
Android (android.graphics.Color)	4288005275 (0xFF95C49B)
YUV	177.2730, -10.9806, -24.7954
Hunter-Lab	69.4521, -23.7343, 15.9059

Details

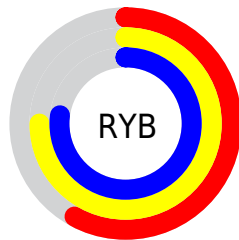
The Yxy color **48.2360, 0.3054, 0.3871** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.9597, 0.3210, 0.2771**, and the grayscale version is **44.1865, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7411, 0.3069, 0.3757**, and **22.8869, 0.3021, 0.4044** is the 20% darker color. If you saturate the color by 10%, you get **46.0118, 0.3024, 0.4161**, and if you desaturate by 10%, it is **50.8560, 0.3085, 0.3608**.

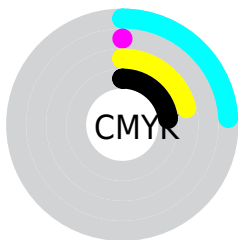
Distribution



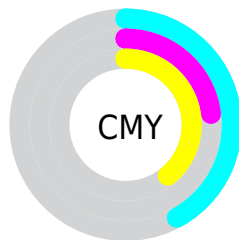
- Red (58%)
- Green (77%)
- Blue (61%)



- Red (58%)
- Yellow (75%)
- Blue (77%)



- Cyan (24%)
- Magenta (0%)
- Yellow (21%)
- Black (23%)




- Cyan (42%)
- Magenta (23%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2360, 0.3054, 0.3871 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 48.2360, 0.3054, 0.3871 by changing the saturation by 10% instead.


 48.2360, 0.3054,
0.3871

 48.2360, 0.3054,
0.3871

379.7268, 0.3096,
0.3572

 34.0138, 0.3042,
0.3949


 87.5557, 0.3070,
0.3760

 22.9042, 0.3025,
0.4050


 113.4220, 0.3076,
0.3719

 14.5228, 0.3001,
0.4188


143.9384, 0.3081,
0.3685

 8.4852, 0.2964,
0.4385

179.4894, 0.3085,
0.3655

 4.4069, 0.2899,
0.4691

220.4594, 0.3088,
0.3630

 1.9037, 0.2785,
0.5253

267.2326, 0.3091,

 0.5506, 0.0000,

0.3608

1.0000

320.1937, 0.3094,
0.3589

0.0000, 0.0000,
0.0000

48.2360, 0.3054,
0.3871

48.2360, 0.3054,
0.3871

46.0118, 0.3024,
0.4161

50.8560, 0.3085,
0.3608

44.1583, 0.2997,
0.4473

53.8832, 0.3115,
0.3375

42.6571, 0.2974,
0.4795

57.3364, 0.3145,
0.3170

41.4856, 0.2959,
0.5111

61.2310, 0.3172,
0.2992

40.6188, 0.2952,
0.5402

65.5821, 0.3198,
0.2838

■ 40.0279, 0.2955,
0.5647

■ 67.9585, 0.3154,
0.2712

■ 39.6784, 0.2967,
0.5828

■ 39.5484, 0.2974,
0.5906

Harmonies

Analogous

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



48.2360, 0.3442, 0.3995



48.2360, 0.3054, 0.3871



48.2360, 0.2700, 0.3556

Triad

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



48.2360, 0.3054, 0.3871



48.2360, 0.2516, 0.2683



48.2360, 0.3832, 0.3340

Complementary

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



48.2360, 0.3054, 0.3871



36.9597, 0.3210, 0.2771

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.



48.2360, 0.3552, 0.3033



48.2360, 0.3054, 0.3871



48.2360, 0.2786, 0.2665

Square

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



48.2360, 0.3054, 0.3871



48.2360, 0.2404, 0.2858



48.2360, 0.3163, 0.2793



48.2360, 0.3906, 0.3654

Rectangle

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



48.2360, 0.3054, 0.3871



48.2360, 0.2528, 0.3299



48.2360, 0.3163, 0.2793



48.2360, 0.3758, 0.3234

Sweetspot

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



48.2380, 0.3054, 0.3871



95.8072, 0.3106, 0.3445



52.6635, 0.3438, 0.3891



20.4332, 0.3104, 0.3459



0.0000, 0.0000, 0.0000



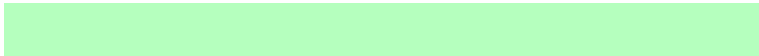
21.4041, 0.3127, 0.3290

Same Dimension

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



48.2380, 0.3054, 0.3871



85.0874, 0.3037, 0.4027



49.0854, 0.2896, 0.3538



11.2792, 0.3099, 0.3497



25.4196, 0.2970, 0.5891



1.1053, 0.2883, 0.5580

Inverse Universe

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



36.9597, 0.3210, 0.2771



60.9571, 0.3232, 0.2650



36.0323, 0.3434, 0.3056



10.2248, 0.3157, 0.3091



9.4407, 0.3555, 0.1732



0.4142, 0.3467, 0.1684

Previews

White Background



This preview shows how the Yxy color 48.2360, 0.3054, 0.3871 looks on a white background.

Color Contrast Check

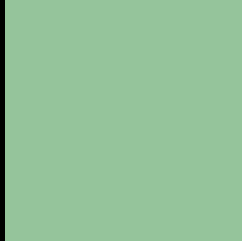
Large Text (above 18pt) WCAG AA × Fail

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 48.2360, 0.3054, 0.3871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

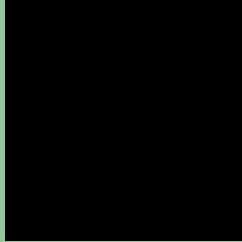
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.2360, 0.3054, 0.3871

Background



This preview shows how black text looks on a background with the Yxy color 48.2360, 0.3054, 0.3871.



This preview shows how white text looks on a background with the Yxy color 48.2360, 0.3054, 0.3871.

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

48.2360, 0.3054, 0.3871

Protanopia

48.0530, 0.3509, 0.3741

Deuteranopia

47.7964, 0.3589, 0.3512



Tritanopia

48.0239, 0.2781, 0.3092

Trichromacy



Original Color

48.2360, 0.3054, 0.3871

Protanomaly

47.6658, 0.3331, 0.3787

Deuteranomaly

47.4410, 0.3371, 0.3630

Tritanomaly

48.2130, 0.2883, 0.3371

Monochromacy



Original Color

48.2360, 0.3054, 0.3871

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

45.3610, 0.3101, 0.3495

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2360, 0.3054, 0.3871 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(149, 196, 155)` looks like.

```
.text, #text, p{  
    color:rgb(149, 196, 155)  
}
```

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(149, 196, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 196, 155) }
```

Border

The CSS property to change the border of an element to Yxy 48.2360, 0.3054, 0.3871 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(149, 196, 155) }
```

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

```
.border{ border-color:rgb(149, 196, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 196, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 196, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 196, 155);  
box-shadow:4px 4px 4px 4px rgb(149, 196,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2360, 0.3054, 0.3871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 196, 155) }
```

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

```
.background{ background-color: rgb(149,  
196, 155) }
```

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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