

Converting Colors

$Yxy(47.8376, 0.3080, 0.3856)$

Have a look what the booklet for
Yxy(47.8376, 0.3080, 0.3856)
contains.

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Color

Yxy(48.0722, 0.3077, 0.3854)

Conversions

Conversions Part 1

Format	Color
Hex	98C39B
RGB	152, 195, 155
RGB Percent	60%, 76%, 61%
CMY	0.4040, 0.2353, 0.3920
CMYK	0.22, 0.00, 0.20, 0.24
HSL	124°, 26%, 68%
HSV	124°, 22%, 76%
XYZ	38.3804, 48.0722, 38.2806
YIQ	177.5830, -12.7880, -21.5560

Conversions

Conversions Part 2

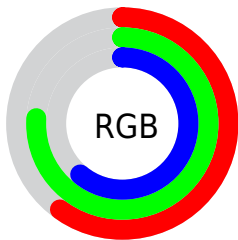
Format	Color
RYB	152, 192, 195
Decimal	10011547
CIELab	74.87, -22.12, 15.52
CIELCh	75, 27.016, 144.947
Yxy	48.0722, 0.3077, 0.3854
Android (android.graphics.Color)	4288201627 (0xFF98C39B)
YUV	177.5830, -11.1334, -22.4363
Hunter-Lab	69.3341, -22.5247, 15.7988

Details

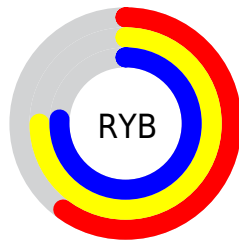
The Yxy color $48.0722, 0.3077, 0.3854$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $37.8584, 0.3180, 0.2784$, and the grayscale version is $44.3547, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.5393, 0.3087, 0.3745$, and $22.7586, 0.3052, 0.4020$ is the 20% darker color. If you saturate the color by 10%, you get $45.7810, 0.3053, 0.4158$, and if you desaturate by 10%, it is $50.7682, 0.3100, 0.3579$.

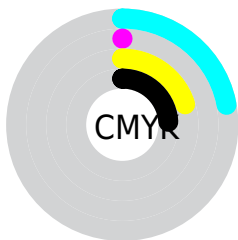
Distribution



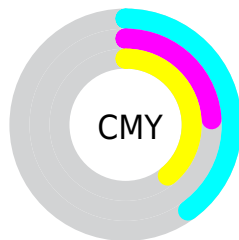
- Red (60%)
- Green (76%)
- Blue (61%)



- Red (60%)
- Yellow (75%)
- Blue (76%)



- Cyan (22%)
- Magenta (0%)
- Yellow (20%)
- Black (24%)





- Cyan (40%)
- Magenta (24%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.0722, 0.3077, 0.3854 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 48.0722, 0.3077, 0.3854 by changing the saturation by 10% instead.


 48.0722, 0.3077,
0.3854


 48.0722, 0.3077,
0.3854

379.0782, 0.3107,
0.3564

 33.8841, 0.3068,
0.3929


 87.3119, 0.3089,
0.3747

 22.8046, 0.3055,
0.4027


 113.1322, 0.3093,
0.3707

 14.4493, 0.3036,
0.4160


143.5988, 0.3097,
0.3673

 8.4338, 0.3006,
0.4351

179.0959, 0.3099,
0.3645

 4.3738, 0.2954,
0.4647

220.0080, 0.3102,
0.3620

 1.8848, 0.2860,
0.5191

266.7195, 0.3104,

 0.5392, 0.0000,

0.3599

1.0000

319.6148, 0.3106,
0.3580

0.0000, 0.0000,
0.0000

48.0722, 0.3077,
0.3854

48.0722, 0.3077,
0.3854

45.7810, 0.3053,
0.4158

50.7682, 0.3100,
0.3579

43.8692, 0.3031,
0.4485

53.8807, 0.3123,
0.3336

42.3183, 0.3010,
0.4823

57.4286, 0.3144,
0.3124

41.1055, 0.2994,
0.5154

61.4276, 0.3163,
0.2940

40.2054, 0.2984,
0.5453

65.8930, 0.3180,
0.2782

■ 39.5894, 0.2981,
0.5699

■ 67.5125, 0.3155,
0.2703

■ 39.2230, 0.2985,
0.5873

■ 39.0637, 0.2988,
0.5957

Harmonies

Analogous

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



48.0722, 0.3447, 0.3962



48.0722, 0.3077, 0.3854



48.0722, 0.2734, 0.3562

Triad

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



48.0722, 0.3077, 0.3854



48.0722, 0.2533, 0.2714



48.0722, 0.3790, 0.3324

Complementary

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



48.0722, 0.3077, 0.3854



37.8584, 0.3180, 0.2784

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.



48.0722, 0.3516, 0.3031



48.0722, 0.3077, 0.3854



48.0722, 0.2785, 0.2689

Square

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



48.0722, 0.3077, 0.3854



48.0722, 0.2433, 0.2890



48.0722, 0.3143, 0.2804



48.0722, 0.3873, 0.3626

Rectangle

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



48.0722, 0.3077, 0.3854



48.0722, 0.2565, 0.3318



48.0722, 0.3143, 0.2804



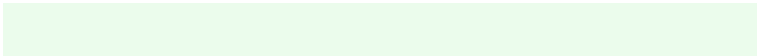
48.0722, 0.3717, 0.3222

Sweetspot

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



48.0742, 0.3077, 0.3854



93.5862, 0.3112, 0.3455



52.5234, 0.3431, 0.3838



20.4195, 0.3110, 0.3470



0.0000, 0.0000, 0.0000



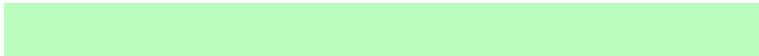
21.4041, 0.3127, 0.3290

Same Dimension

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



48.0742, 0.3077, 0.3854



84.2271, 0.3067, 0.3983



48.8555, 0.2928, 0.3546



11.2701, 0.3107, 0.3511



25.3926, 0.2985, 0.5947



1.1012, 0.2933, 0.5758

Inverse Universe

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



37.8584, 0.3180, 0.2784



63.0057, 0.3192, 0.2683



36.9806, 0.3383, 0.3048



10.2348, 0.3148, 0.3079



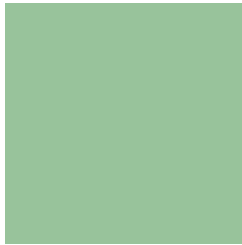
9.7192, 0.3393, 0.1643



0.4237, 0.3348, 0.1618

Previews

White Background



This preview shows how the Yxy color 48.0722, 0.3077, 0.3854 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 48.0722, 0.3077, 0.3854 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 48.0722, 0.3077, 0.3854

Background



This preview shows how black text looks on a background with the Yxy color 48.0722, 0.3077, 0.3854.



This preview shows how white text looks on a background with the Yxy color 48.0722, 0.3077, 0.3854.

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

48.0722, 0.3077, 0.3854

Protanopia

47.6390, 0.3511, 0.3729

Deuteranopia

47.6491, 0.3580, 0.3513



Tritanopia

47.7518, 0.2801, 0.3092

Trichromacy



Original Color

48.0722, 0.3077, 0.3854

Protanomaly

47.3587, 0.3342, 0.3773

Deuteranomaly

47.5684, 0.3380, 0.3629

Tritanomaly

47.9749, 0.2897, 0.3357

Monochromacy



Original Color

48.0722, 0.3077, 0.3854

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.6183, 0.3110, 0.3481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0722, 0.3077, 0.3854 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, 195, 155)` looks like.

```
.text, #text, p{  
    color:rgb(152, 195, 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(152, 195, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 195, 155) }
```

Border

The CSS property to change the border of an element to Yxy 48.0722, 0.3077, 0.3854 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, 195, 155) }
```

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

```
.border{ border-color:rgb(152, 195, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 195, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 195, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 195, 155);  
box-shadow:4px 4px 4px 4px rgb(152, 195,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0722, 0.3077, 0.3854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 195, 155) }
```

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

```
.background{ background-color: rgb(152,  
195, 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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