

Converting Colors

$Yxy(48.2634, 0.3291, 0.4198)$

Have a look what the booklet for
Yxy(48.2634, 0.3291, 0.4198)
contains.

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Color

Yxy(48.3876, 0.3295, 0.4203)

Conversions

Conversions Part 1

Format	Color
Hex	9EC483
RGB	158, 196, 131
RGB Percent	62%, 77%, 51%
CMY	0.3804, 0.2313, 0.4864
CMYK	0.19, 0.00, 0.33, 0.23
HSL	95°, 36%, 64%
HSV	95°, 33%, 77%
XYZ	37.9341, 48.3876, 28.8046
YIQ	177.2280, -1.7830, -28.2710

Conversions

Conversions Part 2

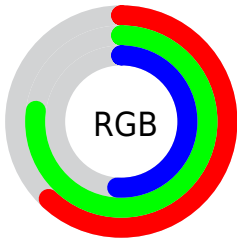
Format	Color
RYB	131, 196, 169
Decimal	10404995
CIELab	75.07, -24.41, 28.63
CIELCh	75, 37.619, 130.454
Yxy	48.3876, 0.3295, 0.4203
Android (android.graphics.Color)	4288595075 (0xFF9EC483)
YUV	177.2280, -22.7904, -16.8630
Hunter-Lab	69.5612, -24.3899, 24.1414

Details

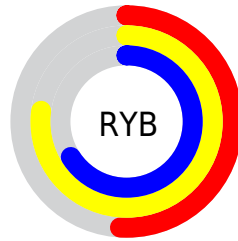
The Yxy color **48.3876, 0.3295, 0.4203** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **28.6474, 0.2893, 0.2407**, and the grayscale version is **44.2142, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8995, 0.3267, 0.4026**, and **22.9433, 0.3314, 0.4477** is the 20% darker color. If you saturate the color by 10%, you get **46.7993, 0.3333, 0.4511**, and if you desaturate by 10%, it is **50.1890, 0.3249, 0.3905**.

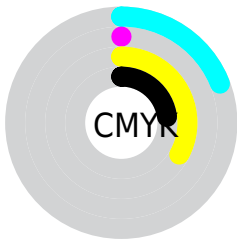
Distribution



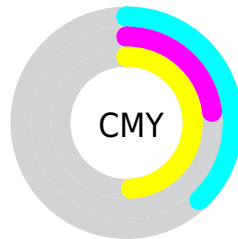
- Red (62%)
- Green (77%)
- Blue (51%)



- Red (51%)
- Yellow (77%)
- Blue (66%)



- Cyan (19%)
- Magenta (0%)
- Yellow (33%)
- Black (23%)




- Cyan (38%)
- Magenta (23%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.3876, 0.3295, 0.4203 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 48.3876, 0.3295, 0.4203 by changing the saturation by 10% instead.


 48.3876, 0.3295,
0.4203


 48.3876, 0.3295,
0.4203

380.3264, 0.3224,
0.3731


 34.1339, 0.3308,
0.4325


 87.7812, 0.3273,
0.4029

 22.9965, 0.3321,
0.4482


 113.6900, 0.3263,
0.3964

 14.5909, 0.3332,
0.4694


 144.2525, 0.3255,
0.3910

 8.5328, 0.3336,
0.4993


179.8533, 0.3247,
0.3863

 4.4377, 0.3311,
0.5437

220.8767, 0.3241,
0.3824

 1.9213, 0.3420,
0.6580

267.7071, 0.3235,

 0.5611, 0.0000,

0.3789

1.0000

320.7289, 0.3229,
0.3758

0.0000, 0.0000,
0.0000

48.3876, 0.3295,
0.4203

48.3876, 0.3295,
0.4203

46.7993, 0.3333,
0.4511

50.1890, 0.3249,
0.3905

45.4091, 0.3360,
0.4818

52.2054, 0.3197,
0.3625

44.2099, 0.3371,
0.5109

54.4463, 0.3144,
0.3367


43.1914, 0.3364,
0.5366


56.9190, 0.3091,
0.3133


42.3422, 0.3337,
0.5574


59.6303, 0.3039,
0.2923

 41.6490, 0.3292,
0.5723

 62.5869, 0.2989,
0.2736

 41.2513, 0.3256,
0.5797

 64.9165, 0.3030,
0.2690

 66.9659, 0.3115,
0.2705

 67.9637, 0.3154,
0.2713

Harmonies

Analogous

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



48.3876, 0.3776, 0.4188



48.3876, 0.3295, 0.4203



48.3876, 0.2792, 0.3902

Triad

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



48.3876, 0.3295, 0.4203



48.3876, 0.2229, 0.2586



48.3876, 0.3894, 0.3127

Complementary

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



48.3876, 0.3295, 0.4203



28.6474, 0.2893, 0.2407

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.



48.3876, 0.3418, 0.2775



48.3876, 0.3295, 0.4203



48.3876, 0.2468, 0.2466

Square

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



48.3876, 0.3295, 0.4203



48.3876, 0.2203, 0.2910



48.3876, 0.2892, 0.2539



48.3876, 0.4148, 0.3534

Rectangle

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



48.3876, 0.3295, 0.4203



48.3876, 0.2511, 0.3574



48.3876, 0.2892, 0.2539



48.3876, 0.3752, 0.3000

Sweetspot

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



48.3897, 0.3295, 0.4203



95.7464, 0.3181, 0.3544



41.7184, 0.3727, 0.3789



20.3731, 0.3189, 0.3582



0.0000, 0.0000, 0.0000



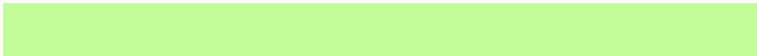
21.4041, 0.3127, 0.3290

Same Dimension

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



48.3897, 0.3295, 0.4203



85.4708, 0.3325, 0.4432



46.0961, 0.3045, 0.4182



11.4586, 0.3177, 0.3524



26.5512, 0.3266, 0.5789



1.1876, 0.3448, 0.5644

Inverse Universe

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



28.6474, 0.2893, 0.2407



44.0940, 0.2825, 0.2194



31.7071, 0.3219, 0.2537



10.0323, 0.3073, 0.3058



4.9365, 0.2208, 0.0990



0.2530, 0.2429, 0.1112

Previews

White Background



This preview shows how the Yxy color 48.3876, 0.3295, 0.4203 looks on a white background.

Color Contrast Check

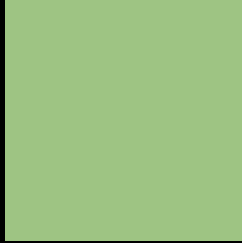
Large Text (above 18pt) WCAG AA × Fail

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 48.3876, 0.3295, 0.4203 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 48.3876, 0.3295, 0.4203

Background



This preview shows how black text looks on a background with the Yxy color 48.3876, 0.3295, 0.4203.



This preview shows how white text looks on a background with the Yxy color 48.3876, 0.3295, 0.4203.

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

48.3876, 0.3295, 0.4203

Protanopia

47.9295, 0.3735, 0.4026

Deuteranopia

48.0990, 0.3867, 0.3795



Tritanopia

48.2399, 0.2874, 0.3095

Trichromacy



Original Color

48.3876, 0.3295, 0.4203

Protanomaly

47.7153, 0.3566, 0.4085

Deuteranomaly

47.7380, 0.3642, 0.3933

Tritanomaly

47.9608, 0.3030, 0.3479

Monochromacy



Original Color

48.3876, 0.3295, 0.4203

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

45.3651, 0.3197, 0.3620

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3876, 0.3295, 0.4203 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(158, 196, 131)` looks like.

```
.text, #text, p{  
    color:rgb(158, 196, 131)  
}
```

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(158, 196, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 196, 131) }
```

Border

The CSS property to change the border of an element to Yxy 48.3876, 0.3295, 0.4203 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(158, 196, 131) }
```

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

```
.border{ border-color:rgb(158, 196, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 196, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 196, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 196, 131);  
box-shadow:4px 4px 4px 4px rgb(158, 196,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3876, 0.3295, 0.4203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 196, 131) }
```

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

```
.background{ background-color: rgb(158,  
196, 131) }
```

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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