

Converting Colors

$Yxy(50.9033, 0.3075, 0.3821)$

Have a look what the booklet for
Yxy(50.9033, 0.3075, 0.3821)
contains.

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Color

Yxy(51.0499, 0.3072, 0.3825)

Conversions

Conversions Part 1

Format	Color
Hex	9DC8A1
RGB	157, 200, 161
RGB Percent	62%, 78%, 63%
CMY	0.3841, 0.2157, 0.3686
CMYK	0.21, 0.00, 0.19, 0.22
HSL	126°, 28%, 70%
HSV	126°, 21%, 78%
XYZ	41.0001, 51.0499, 41.4138
YIQ	182.6970, -13.1090, -21.2450

Conversions

Conversions Part 2

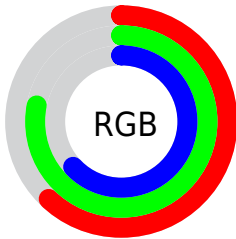
Format	Color
RYB	157, 196, 200
Decimal	10340513
CIELab	76.71, -21.82, 14.94
CIElCh	77, 26.440, 145.605
Yxy	51.0499, 0.3072, 0.3825
Android (android.graphics.Color)	4288530593 (0xFF9DC8A1)
YUV	182.6970, -10.6966, -22.5363
Hunter-Lab	71.4492, -22.6065, 15.6484

Details

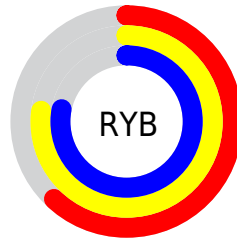
The Yxy color **51.0499, 0.3072, 0.3825** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.3979, 0.3187, 0.2808**, and the grayscale version is **47.2509, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4749, 0.3083, 0.3704**, and **24.6652, 0.3054, 0.3993** is the 20% darker color. If you saturate the color by 10%, you get **48.6067, 0.3046, 0.4121**, and if you desaturate by 10%, it is **53.9198, 0.3098, 0.3558**.

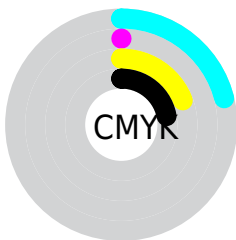
Distribution



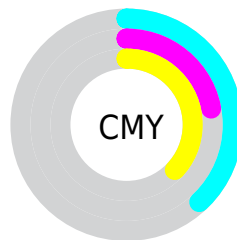
- Red (62%)
- Green (78%)
- Blue (63%)



- Red (62%)
- Yellow (77%)
- Blue (78%)



- Cyan (21%)
- Magenta (0%)
- Yellow (19%)
- Black (22%)





- Cyan (38%)
- Magenta (22%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0499, 0.3072, 0.3825 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 51.0499, 0.3072, 0.3825 by changing the saturation by 10% instead.


 51.0499, 0.3072,
0.3825

 51.0499, 0.3072,
0.3825

390.7576, 0.3104,
0.3553

 36.2483, 0.3063,
0.3895


 91.7285, 0.3085,
0.3725

 24.6260, 0.3050,
0.3985


 118.3744, 0.3089,
0.3688

 15.7987, 0.3032,
0.4106


149.7371, 0.3093,
0.3656

 9.3818, 0.3004,
0.4278

186.2011, 0.3096,
0.3629

 4.9910, 0.2956,
0.4540

228.1507, 0.3098,
0.3606

 2.2420, 0.2860,
0.4984


275.9704, 0.3100,


 0.7428, 0.1892,


0.3586

0.8108


330.0446, 0.3102,
0.3568

 0.0000, 0.0000,
0.0000


 51.0499, 0.3072,
0.3825


 51.0499, 0.3072,
0.3825


 48.6067, 0.3046,
0.4121


 53.9198, 0.3098,
0.3558


 46.5636, 0.3021,
0.4441


 57.2285, 0.3124,
0.3322


 44.9013, 0.2999,
0.4773

 60.9958, 0.3147,
0.3116

 43.5960, 0.2983,
0.5100

 65.2381, 0.3170,
0.2938

 42.6216, 0.2973,
0.5402

 69.5804, 0.3175,
0.2781

■ 41.9479, 0.2971,
0.5655

■ 69.7850, 0.3152,
0.2752

■ 41.5397, 0.2977,
0.5841

■ 41.3501, 0.2984,
0.5942

Harmonies

Analogous

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



51.0499, 0.3428, 0.3934



51.0499, 0.3072, 0.3825



51.0499, 0.2744, 0.3543

Triad

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



51.0499, 0.3072, 0.3825



51.0499, 0.2559, 0.2734



51.0499, 0.3767, 0.3330

Complementary

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



51.0499, 0.3072, 0.3825



40.3979, 0.3187, 0.2808

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.



51.0499, 0.3508, 0.3047



51.0499, 0.3072, 0.3825



51.0499, 0.2806, 0.2712

Square

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



51.0499, 0.3072, 0.3825



51.0499, 0.2460, 0.2902



51.0499, 0.3151, 0.2826



51.0499, 0.3841, 0.3620

Rectangle

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



51.0499, 0.3072, 0.3825



51.0499, 0.2582, 0.3310



51.0499, 0.3151, 0.2826



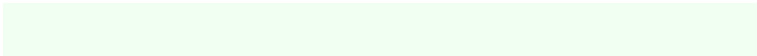
51.0499, 0.3698, 0.3232

Sweetspot

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



51.0521, 0.3072, 0.3825



96.3502, 0.3112, 0.3427



55.5326, 0.3418, 0.3825



20.5416, 0.3110, 0.3443



0.0000, 0.0000, 0.0000



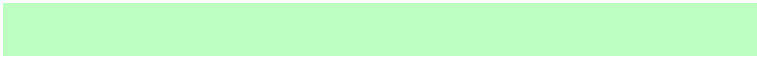
21.4041, 0.3127, 0.3290

Same Dimension

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



51.0521, 0.3072, 0.3825



86.2318, 0.3059, 0.3967



51.8602, 0.2928, 0.3529



11.9035, 0.3104, 0.3506



26.3000, 0.2981, 0.5930



1.2509, 0.2918, 0.5704

Inverse Universe

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



40.3979, 0.3187, 0.2808



64.3593, 0.3202, 0.2696



39.5036, 0.3382, 0.3063



10.7991, 0.3151, 0.3083



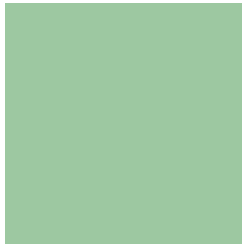
9.9512, 0.3453, 0.1676



0.4762, 0.3396, 0.1645

Previews

White Background



This preview shows how the Yxy color 51.0499, 0.3072, 0.3825 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 51.0499, 0.3072, 0.3825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

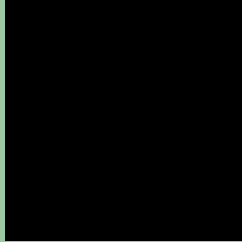
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.0499, 0.3072, 0.3825

Background



This preview shows how black text looks on a background with the Yxy color 51.0499, 0.3072, 0.3825.



This preview shows how white text looks on a background with the Yxy color 51.0499, 0.3072, 0.3825.

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

51.0499, 0.3072, 0.3825

Protanopia

50.6124, 0.3493, 0.3705

Deuteranopia

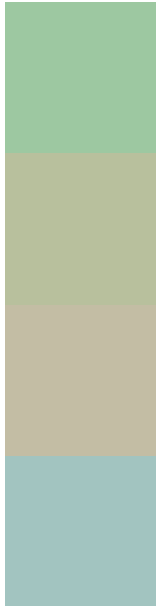
50.7714, 0.3568, 0.3495



Tritanopia

50.7427, 0.2802, 0.3084

Trichromacy



Original Color

51.0499, 0.3072, 0.3825

Protanomaly

50.3239, 0.3329, 0.3748

Deuteranomaly

50.6776, 0.3374, 0.3607

Tritanomaly

50.9670, 0.2895, 0.3342

Monochromacy



Original Color

51.0499, 0.3072, 0.3825

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.4890, 0.3110, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0499, 0.3072, 0.3825 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(157, 200, 161)` looks like.

```
.text, #text, p{  
    color:rgb(157, 200, 161)  
}
```

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(157, 200, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 200, 161) }
```

Border

The CSS property to change the border of an element to Yxy 51.0499, 0.3072, 0.3825 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(157, 200, 161) }
```

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

```
.border{ border-color:rgb(157, 200, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 200, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 200, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 200, 161);  
box-shadow:4px 4px 4px 4px rgb(157, 200,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0499, 0.3072, 0.3825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 200, 161) }
```

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

```
.background{ background-color: rgb(157,  
200, 161) }
```

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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