

Converting Colors

Yxy(50.7184, 0.3192, 0.3750)

Have a look what the booklet for
Yxy(50.7184, 0.3192, 0.3750)
contains.

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Color

Yxy(50.8237, 0.3193, 0.3757)

Conversions

Conversions Part 1

Format	Color
Hex	ACC4A1
RGB	172, 196, 161
RGB Percent	67%, 77%, 63%
CMY	0.3253, 0.2314, 0.3686
CMYK	0.12, 0.00, 0.18, 0.23
HSL	101°, 23%, 70%
HSV	101°, 18%, 77%
XYZ	43.1941, 50.8237, 41.2596
YIQ	184.8340, -3.0690, -15.9730

Conversions

Conversions Part 2

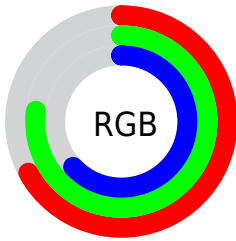
Format	Color
R _{YB}	161, 196, 185
Decimal	11322529
CIE _{Lab}	76.57, -14.60, 14.88
CIE _{LCh}	77, 20.849, 134.465
Yxy	50.8237, 0.3193, 0.3757
Android (android.graphics.Color)	4289512609 (0xFFACC4A1)
YUV	184.8340, -11.7502, -11.2554
Hunter-Lab	71.2907, -16.6082, 15.5894

Details

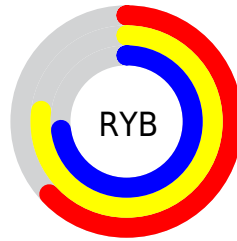
The Yxy color **50.8237, 0.3193, 0.3757** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.7921, 0.3047, 0.2839**, and the grayscale version is **48.4918, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7024, 0.3185, 0.3673**, and **24.3721, 0.3205, 0.3898** is the 20% darker color. If you saturate the color by 10%, you get **48.7443, 0.3226, 0.4053**, and if you desaturate by 10%, it is **53.1693, 0.3157, 0.3485**.

Distribution



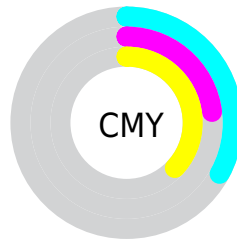
- Red (67%)
- Green (77%)
- Blue (63%)



- Red (63%)
- Yellow (77%)
- Blue (73%)



- Cyan (12%)
- Magenta (0%)
- Yellow (18%)
- Black (23%)




- Cyan (33%)
- Magenta (23%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8237, 0.3193, 0.3757 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 50.8237, 0.3193, 0.3757 by changing the saturation by 10% instead.


 50.8237, 0.3193,
0.3757

 50.8237, 0.3193,
0.3757


389.8784, 0.3164,
0.3521

 36.0683, 0.3199,
0.3817


 91.3941, 0.3183,
0.3671

 24.4870, 0.3206,
0.3894


 117.9779, 0.3179,
0.3638

 15.6952, 0.3215,
0.3997


149.2734, 0.3176,
0.3611

 9.3088, 0.3224,
0.4142

185.6648, 0.3173,
0.3588

 4.9431, 0.3232,
0.4361

227.5366, 0.3170,
0.3568

 2.2139, 0.3231,
0.4726

275.2733, 0.3168,

 0.7276, 0.3153,

0.3550

0.6847

329.2591, 0.3166,
0.3535

0.0000, 0.0000,
0.0000

50.8237, 0.3193,
0.3757

50.8237, 0.3193,
0.3757

48.7443, 0.3226,
0.4053

53.1693, 0.3157,
0.3485

46.9150, 0.3253,
0.4367

55.7835, 0.3119,
0.3239

45.3278, 0.3272,
0.4689

58.6771, 0.3081,
0.3020

43.9717, 0.3279,
0.5005

61.8585, 0.3045,
0.2826

42.8348, 0.3271,
0.5297

65.0739, 0.3037,
0.2691

■ 41.9043, 0.3248,
0.5545

■ 67.4996, 0.3136,
0.2709

■ 41.1652, 0.3210,
0.5733

■ 67.9566, 0.3154,
0.2712

■ 40.5983, 0.3162,
0.5857

■ 40.4934, 0.3152,
0.5879

Harmonies

Analogous

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



50.8237, 0.3462, 0.3789



50.8237, 0.3193, 0.3757



50.8237, 0.2915, 0.3581

Triad

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



50.8237, 0.3193, 0.3757



50.8237, 0.2630, 0.2886



50.8237, 0.3569, 0.3239

Complementary

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



50.8237, 0.3193, 0.3757



39.7921, 0.3047, 0.2839

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.



50.8237, 0.3329, 0.3023



50.8237, 0.3193, 0.3757



50.8237, 0.2788, 0.2821

Square

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



50.8237, 0.3193, 0.3757



50.8237, 0.2598, 0.3064



50.8237, 0.3041, 0.2872



50.8237, 0.3687, 0.3476

Rectangle

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



50.8237, 0.3193, 0.3757



50.8237, 0.2761, 0.3411



50.8237, 0.3041, 0.2872



50.8237, 0.3500, 0.3162

Sweetspot

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



50.8259, 0.3193, 0.3757



97.5872, 0.3146, 0.3414



48.9722, 0.3416, 0.3595



20.8173, 0.3149, 0.3432



0.0000, 0.0000, 0.0000



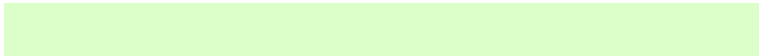
21.4041, 0.3127, 0.3290

Same Dimension

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



50.8259, 0.3193, 0.3757



90.7142, 0.3205, 0.3858



49.8617, 0.3059, 0.3679



11.4094, 0.3162, 0.3525



26.0619, 0.3161, 0.5872



1.1635, 0.3342, 0.5728

Inverse Universe

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



39.7921, 0.3047, 0.2839



67.4018, 0.3029, 0.2746



40.9306, 0.3204, 0.2930



10.0832, 0.3088, 0.3060



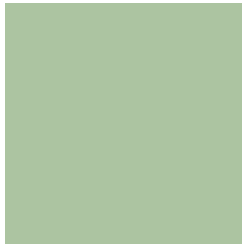
5.8770, 0.2434, 0.1115



0.2893, 0.2613, 0.1213

Previews

White Background



This preview shows how the Yxy color 50.8237, 0.3193, 0.3757 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 50.8237, 0.3193, 0.3757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

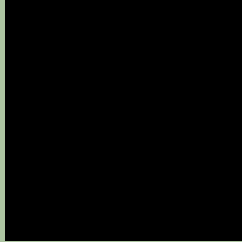
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.8237, 0.3193, 0.3757

Background



This preview shows how black text looks on a background with the Yxy color 50.8237, 0.3193, 0.3757.



This preview shows how white text looks on a background with the Yxy color 50.8237, 0.3193, 0.3757.

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

50.8237, 0.3193, 0.3757

Protanopia

50.5429, 0.3468, 0.3681

Deuteranopia

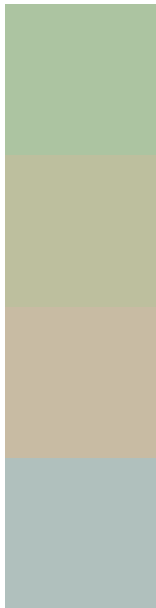
50.7352, 0.3577, 0.3507



Tritanopia

50.8184, 0.2930, 0.3101

Trichromacy



Original Color

50.8237, 0.3193, 0.3757

Protanomaly

50.5490, 0.3366, 0.3716

Deuteranomaly

50.4644, 0.3430, 0.3591

Tritanomaly

50.6035, 0.3022, 0.3328

Monochromacy



Original Color

50.8237, 0.3193, 0.3757

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.2331, 0.3152, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8237, 0.3193, 0.3757 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(172, 196, 161)` looks like.

```
.text, #text, p{  
    color:rgb(172, 196, 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(172, 196, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 196, 161) }
```

Border

The CSS property to change the border of an element to Yxy 50.8237, 0.3193, 0.3757 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(172, 196, 161) }
```

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

```
.border{ border-color:rgb(172, 196, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 196, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 196, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 196, 161); box-shadow:4px 4px 4px 4px rgb(172, 196, 161) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8237, 0.3193, 0.3757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 196, 161) }
```

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

```
.background{ background-color: rgb(172,  
196, 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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