

Converting Colors

Yxy(51.9225, 0.3249, 0.3774)

Have a look what the booklet for
Yxy(51.9225, 0.3249, 0.3774)
contains.

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Color

Yxy(51.9355, 0.3248, 0.3776)

Conversions

Conversions Part 1

Format	Color
Hex	B2C5A0
RGB	178, 197, 160
RGB Percent	70%, 77%, 63%
CMY	0.3019, 0.2274, 0.3725
CMYK	0.10, 0.00, 0.19, 0.23
HSL	91°, 24%, 70%
HSV	91°, 19%, 77%
XYZ	44.6733, 51.9355, 40.9322
YIQ	187.1010, 0.5530, -15.5350

Conversions

Conversions Part 2

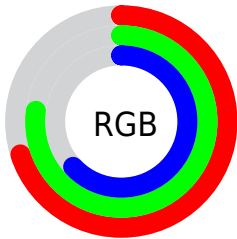
Format	Color
RYB	160, 197, 179
Decimal	11716000
CIELab	77.24, -13.15, 16.42
CIELCh	77, 21.038, 128.700
Yxy	51.9355, 0.3248, 0.3776
Android (android.graphics.Color)	4289906080 (0xFFB2C5A0)
YUV	187.1010, -13.3608, -7.9816
Hunter-Lab	72.0663, -15.4652, 16.7709

Details

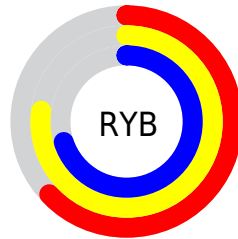
The Yxy color **51.9355, 0.3248, 0.3776** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.7613, 0.2986, 0.2806**, and the grayscale version is **49.8327, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2823, 0.3228, 0.3688**, and **25.0876, 0.3279, 0.3920** is the 20% darker color. If you saturate the color by 10%, you get **50.1490, 0.3309, 0.4062**, and if you desaturate by 10%, it is **53.9240, 0.3184, 0.3508**.

Distribution



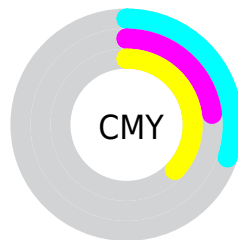
- Red (70%)
- Green (77%)
- Blue (63%)



- Red (63%)
- Yellow (77%)
- Blue (70%)



- Cyan (10%)
- Magenta (0%)
- Yellow (19%)
- Black (23%)





- Cyan (30%)
- Magenta (23%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.9355, 0.3248, 0.3776 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 51.9355, 0.3248, 0.3776 by changing the saturation by 10% instead.


 51.9355, 0.3248,
0.3776

 51.9355, 0.3248,
0.3776


394.1876, 0.3192,
0.3532

 36.9537, 0.3261,
0.3837


 93.0361, 0.3229,
0.3687

 25.1716, 0.3276,
0.3916


 119.9237, 0.3221,
0.3654

 16.2050, 0.3295,
0.4021


151.5486, 0.3214,
0.3625

 9.6693, 0.3319,
0.4168

188.2953, 0.3209,
0.3601

 5.1803, 0.3348,
0.4387

230.5481, 0.3204,
0.3580

 2.3534, 0.3379,
0.4745

278.6915, 0.3199,

 0.8018, 0.3548,

0.3562

0.6452

333.1099, 0.3195,
0.3546

0.0000, 0.0000,
0.0000

51.9355, 0.3248,
0.3776

51.9355, 0.3248,
0.3776

50.1490, 0.3309,
0.4062

53.9240, 0.3184,
0.3508

48.5507, 0.3363,
0.4360

56.1144, 0.3119,
0.3261

47.1355, 0.3406,
0.4659

58.5153, 0.3056,
0.3037

45.8951, 0.3435,
0.4947

61.1325, 0.2995,
0.2835

44.8208, 0.3445,
0.5210

63.7436, 0.2960,
0.2688

■ 43.9028, 0.3434,
0.5430

■ 65.4525, 0.3034,
0.2701

■ 43.1297, 0.3401,
0.5599

■ 67.2599, 0.3108,
0.2714

■ 42.4845, 0.3351,
0.5713

■ 68.4134, 0.3154,
0.2722

■ 42.4117, 0.3345,
0.5726

Harmonies

Analogous

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



51.9355, 0.3507, 0.3778



51.9355, 0.3248, 0.3776



51.9355, 0.2965, 0.3625

Triad

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



51.9355, 0.3248, 0.3776



51.9355, 0.2612, 0.2911



51.9355, 0.3531, 0.3194

Complementary

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



51.9355, 0.3248, 0.3776



38.7613, 0.2986, 0.2806

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.



51.9355, 0.3275, 0.2987



51.9355, 0.3248, 0.3776



51.9355, 0.2748, 0.2824

Square

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



51.9355, 0.3248, 0.3776



51.9355, 0.2607, 0.3108



51.9355, 0.2987, 0.2853



51.9355, 0.3677, 0.3431

Rectangle

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



51.9355, 0.3248, 0.3776



51.9355, 0.2801, 0.3463



51.9355, 0.2987, 0.2853



51.9355, 0.3455, 0.3119

Sweetspot

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



51.9378, 0.3248, 0.3776



97.5937, 0.3167, 0.3439



46.4519, 0.3447, 0.3528



20.8348, 0.3171, 0.3456



0.0000, 0.0000, 0.0000



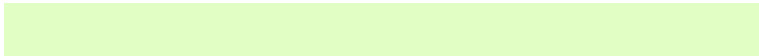
21.4041, 0.3127, 0.3290

Same Dimension

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



51.9378, 0.3248, 0.3776



91.5103, 0.3276, 0.3905



49.9466, 0.3103, 0.3798



12.1368, 0.3188, 0.3524



27.9448, 0.3354, 0.5719



1.3663, 0.3517, 0.5590

Inverse Universe

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



38.7613, 0.2986, 0.2806



63.1022, 0.2945, 0.2678



41.0475, 0.3149, 0.2830



10.5507, 0.3062, 0.3057



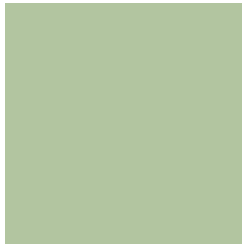
4.5272, 0.2059, 0.0908



0.2574, 0.2286, 0.1033

Previews

White Background



This preview shows how the Yxy color 51.9355, 0.3248, 0.3776 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 51.9355, 0.3248, 0.3776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

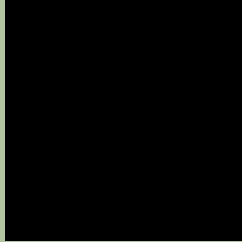
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.9355, 0.3248, 0.3776

Background



This preview shows how black text looks on a background with the Yxy color 51.9355, 0.3248, 0.3776.



This preview shows how white text looks on a background with the Yxy color 51.9355, 0.3248, 0.3776.

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

51.9355, 0.3248, 0.3776

Protanopia

51.6787, 0.3481, 0.3703

Deuteranopia

51.5714, 0.3610, 0.3529



Tritanopia

52.0321, 0.2970, 0.3104

Trichromacy



Original Color

51.9355, 0.3248, 0.3776

Protanomaly

51.9460, 0.3397, 0.3735

Deuteranomaly

51.4124, 0.3471, 0.3612

Tritanomaly

51.7591, 0.3069, 0.3341

Monochromacy



Original Color

51.9355, 0.3248, 0.3776

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.6263, 0.3176, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9355, 0.3248, 0.3776 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(178, 197, 160)` looks like.

```
.text, #text, p{  
    color:rgb(178, 197, 160)  
}
```

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(178, 197, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 197, 160) }
```

Border

The CSS property to change the border of an element to Yxy 51.9355, 0.3248, 0.3776 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(178, 197, 160) }
```

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

```
.border{ border-color:rgb(178, 197, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 197, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 197, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 197, 160);  
box-shadow:4px 4px 4px 4px rgb(178, 197,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9355, 0.3248, 0.3776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 197, 160) }
```

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

```
.background{ background-color: rgb(178,  
197, 160) }
```

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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