

Converting Colors

$Y_{xy}(52.1967, 0.3255, 0.3739)$

Have a look what the booklet for
Yxy(52.1967, 0.3255, 0.3739)
contains.

Yxy(52.3649, 0.3258, 0.3746)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(52.3649, 0.3258, 0.3746)

Conversions

Conversions Part 1

Format	Color
Hex	B5C5A2
RGB	181, 197, 162
RGB Percent	71%, 77%, 64%
CMY	0.2902, 0.2274, 0.3648
CMYK	0.08, 0.00, 0.18, 0.23
HSL	87°, 23%, 70%
HSV	87°, 18%, 77%
XYZ	45.5432, 52.3649, 41.8807
YIQ	188.2260, 1.6990, -14.2770

Conversions

Conversions Part 2

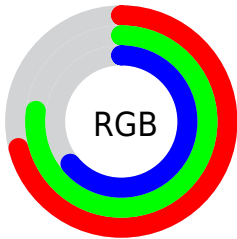
Format	Color
RYB	162, 197, 178
Decimal	11912610
CIELab	77.50, -11.75, 15.75
CIELCh	77, 19.654, 126.720
Yxy	52.3649, 0.3258, 0.3746
Android (android.graphics.Color)	4290102690 (0xFFB5C5A2)
YUV	188.2260, -12.9294, -6.3372
Hunter-Lab	72.3636, -14.2944, 16.3402

Details

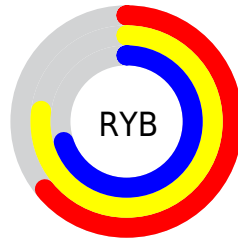
The Yxy color **52.3649, 0.3258, 0.3746** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.3291, 0.2977, 0.2831**, and the grayscale version is **50.4995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8979, 0.3236, 0.3665**, and **25.3599, 0.3293, 0.3877** is the 20% darker color. If you saturate the color by 10%, you get **50.6674, 0.3329, 0.4027**, and if you desaturate by 10%, it is **54.2470, 0.3184, 0.3482**.

Distribution



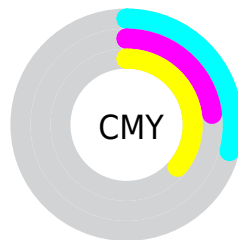
- Red (71%)
- Green (77%)
- Blue (64%)



- Red (64%)
- Yellow (77%)
- Blue (70%)



- Cyan (8%)
- Magenta (0%)
- Yellow (18%)
- Black (23%)



- Cyan (29%)
- Magenta (23%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.3649, 0.3258, 0.3746 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 52.3649, 0.3258, 0.3746 by changing the saturation by 10% instead.

■ 52.3649, 0.3258,
0.3746

■ 52.3649, 0.3258,
0.3746

395.8437, 0.3197,
0.3518

■ 37.2960, 0.3272,
0.3803

■ 93.6692, 0.3237,
0.3663

■ 25.4368, 0.3289,
0.3876

■ 120.6733, 0.3228,
0.3632

■ 16.4028, 0.3311,
0.3974

152.4247, 0.3221,
0.3605

■ 9.8096, 0.3339,
0.4110

189.3077, 0.3215,
0.3583

■ 5.2729, 0.3375,
0.4311

231.7067, 0.3209,
0.3563

■ 2.4083, 0.3418,
0.4639

280.0061, 0.3205,

■ 0.8301, 0.3769,

0.3546

0.6231

334.5903, 0.3200,
0.3531

0.0000, 0.0000,
0.0000

52.3649, 0.3258,
0.3746

52.3649, 0.3258,
0.3746

50.6674, 0.3329,
0.4027

54.2470, 0.3184,
0.3482

49.1413, 0.3393,
0.4318

56.3129, 0.3111,
0.3238

47.7820, 0.3448,
0.4610

58.5706, 0.3039,
0.3015

46.5821, 0.3487,
0.4890

61.0257, 0.2971,
0.2814

45.5335, 0.3507,
0.5146

63.3248, 0.2941,
0.2685

■ 44.6271, 0.3505,
0.5362

■ 64.8184, 0.3007,
0.2696

■ 43.8527, 0.3479,
0.5528

■ 66.3895, 0.3073,
0.2708

■ 43.1956, 0.3434,
0.5641

■ 68.0393, 0.3139,
0.2720

■ 43.0606, 0.3424,
0.5664

■ 68.4149, 0.3154,
0.2722

Harmonies

Analogous

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



52.3649, 0.3495, 0.3740



52.3649, 0.3258, 0.3746



52.3649, 0.2993, 0.3614

Triad

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



52.3649, 0.3258, 0.3746



52.3649, 0.2642, 0.2947



52.3649, 0.3490, 0.3186

Complementary

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



52.3649, 0.3258, 0.3746



39.3291, 0.2977, 0.2831

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.



52.3649, 0.3248, 0.2996



52.3649, 0.3258, 0.3746



52.3649, 0.2762, 0.2856

Square

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



52.3649, 0.3258, 0.3746



52.3649, 0.2645, 0.3137



52.3649, 0.2980, 0.2877



52.3649, 0.3634, 0.3408

Rectangle

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



52.3649, 0.3258, 0.3746



52.3649, 0.2837, 0.3467



52.3649, 0.2980, 0.2877



52.3649, 0.3417, 0.3117

Sweetspot

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



52.3672, 0.3258, 0.3746



98.1177, 0.3165, 0.3414



46.2176, 0.3432, 0.3492



20.9461, 0.3170, 0.3432



0.0000, 0.0000, 0.0000



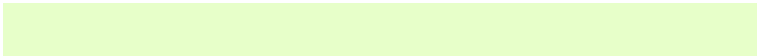
21.4041, 0.3127, 0.3290

Same Dimension

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



52.3672, 0.3258, 0.3746



92.6698, 0.3284, 0.3844



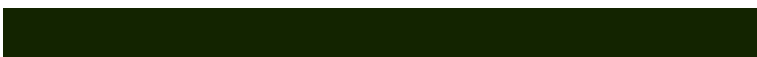
50.4071, 0.3119, 0.3766



12.1669, 0.3196, 0.3523



28.3715, 0.3433, 0.5656



1.3861, 0.3586, 0.5535

Inverse Universe

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



39.3291, 0.2977, 0.2831



65.3585, 0.2942, 0.2732



41.5021, 0.3132, 0.2852



10.5208, 0.3053, 0.3056



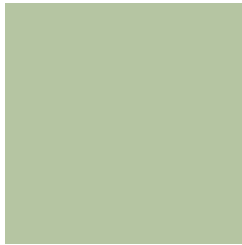
4.1298, 0.1951, 0.0849



0.2385, 0.2189, 0.0980

Previews

White Background



This preview shows how the Yxy color 52.3649, 0.3258, 0.3746 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 52.3649, 0.3258, 0.3746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

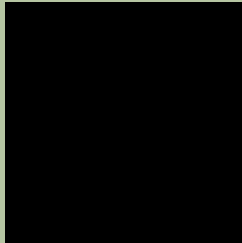
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

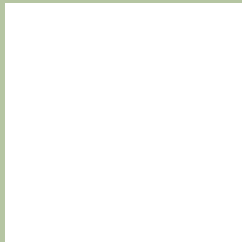
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.3649, 0.3258, 0.3746

Background



This preview shows how black text looks on a background with the Yxy color 52.3649, 0.3258, 0.3746.



This preview shows how white text looks on a background with the Yxy color 52.3649, 0.3258, 0.3746.

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

52.3649, 0.3258, 0.3746

Protanopia

52.3214, 0.3471, 0.3688

Deuteranopia

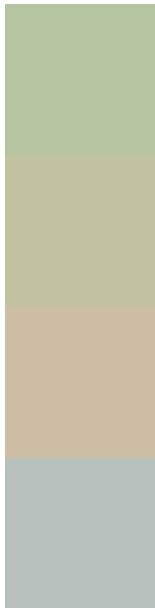
52.0577, 0.3590, 0.3516



Tritanopia

52.4092, 0.2993, 0.3105

Trichromacy



Original Color

52.3649, 0.3258, 0.3746

Protanomaly

52.1473, 0.3389, 0.3708

Deuteranomaly

52.0547, 0.3462, 0.3598

Tritanomaly

52.1719, 0.3085, 0.3328

Monochromacy



Original Color

52.3649, 0.3258, 0.3746

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.8306, 0.3169, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3649, 0.3258, 0.3746 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(181, 197, 162)` looks like.

```
.text, #text, p{  
    color:rgb(181, 197, 162)  
}
```

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(181, 197, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 197, 162) }
```

Border

The CSS property to change the border of an element to Yxy 52.3649, 0.3258, 0.3746 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(181, 197, 162) }
```

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

```
.border{ border-color:rgb(181, 197, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 197, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 197, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 197, 162);  
box-shadow:4px 4px 4px 4px rgb(181, 197,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3649, 0.3258, 0.3746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 197, 162) }
```

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

```
.background{ background-color: rgb(181,  
197, 162) }
```

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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