

Converting Colors

$Yxy(52.1130, 0.3183, 0.3752)$

Have a look what the booklet for
Yxy(52.1130, 0.3183, 0.3752)
contains.

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Color

Yxy(51.9167, 0.3184, 0.3754)

Conversions

Conversions Part 1

Format	Color
Hex	ADC6A3
RGB	173, 198, 163
RGB Percent	68%, 78%, 64%
CMY	0.3217, 0.2235, 0.3608
CMYK	0.13, 0.00, 0.18, 0.22
HSL	103°, 24%, 71%
HSV	103°, 18%, 78%
XYZ	44.0338, 51.9167, 42.3465
YIQ	186.5350, -3.6650, -16.1850

Conversions

Conversions Part 2

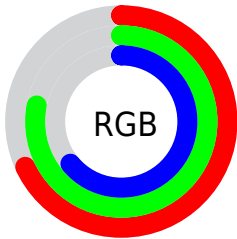
Format	Color
RYB	163, 198, 188
Decimal	11388579
CIELab	77.23, -14.97, 14.76
CIELCh	77, 21.019, 135.412
Yxy	51.9167, 0.3184, 0.3754
Android (android.graphics.Color)	4289578659 (0xFFADC6A3)
YUV	186.5350, -11.6028, -11.8702
Hunter-Lab	72.0532, -17.0068, 15.5918

Details

The Yxy color **51.9167, 0.3184, 0.3754** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.9648, 0.3058, 0.2844**, and the grayscale version is **49.4851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2400, 0.3178, 0.3670**, and **25.0873, 0.3193, 0.3891** is the 20% darker color. If you saturate the color by 10%, you get **49.7348, 0.3212, 0.4052**, and if you desaturate by 10%, it is **54.3852, 0.3152, 0.3481**.

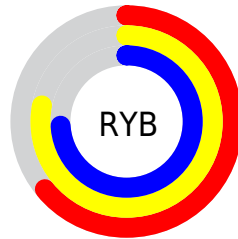
Distribution



Red (68%)

Green (78%)

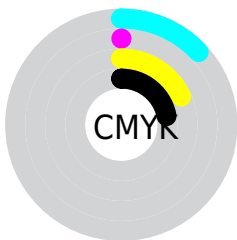
Blue (64%)



Red (64%)

Yellow (78%)

Blue (74%)

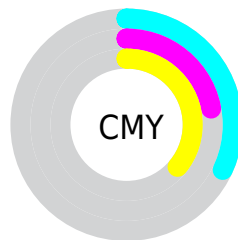


Cyan (13%)

Magenta (0%)

Yellow (18%)

Black (22%)



Cyan (32%)


Magenta (22%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9167, 0.3184, 0.3754 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 51.9167, 0.3184, 0.3754 by changing the saturation by 10% instead.


 51.9167, 0.3184,
0.3754


 51.9167, 0.3184,
0.3754


394.1149, 0.3159,
0.3520

 36.9387, 0.3189,
0.3813


 93.0084, 0.3176,
0.3669

 25.1600, 0.3195,
0.3889

 119.8908, 0.3173,
0.3637

 16.1963, 0.3201,
0.3990


151.5102, 0.3170,
0.3610

 9.6632, 0.3208,
0.4132

188.2509, 0.3167,
0.3587

 5.1762, 0.3213,
0.4346

230.4974, 0.3165,
0.3567

 2.3510, 0.3207,
0.4699

278.6339, 0.3163,

 0.8005, 0.3306,

0.3549

0.6694

333.0450, 0.3161,
0.3534

0.0000, 0.0000,
0.0000

51.9167, 0.3184,
0.3754

51.9167, 0.3184,
0.3754

49.7348, 0.3212,
0.4052

54.3852, 0.3152,
0.3481

47.8224, 0.3235,
0.4369

57.1435, 0.3119,
0.3236

46.1705, 0.3250,
0.4695

60.2032, 0.3086,
0.3017

44.7672, 0.3253,
0.5015

63.5733, 0.3054,
0.2824

43.5995, 0.3243,
0.5312

66.8033, 0.3070,
0.2718

■ 42.6531, 0.3219,
0.5563

■ 68.8734, 0.3153,
0.2732

■ 41.9120, 0.3182,
0.5754

■ 41.3555, 0.3136,
0.5876

■ 41.2470, 0.3126,
0.5900

Harmonies

Analogous

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



51.9167, 0.3455, 0.3791



51.9167, 0.3184, 0.3754



51.9167, 0.2907, 0.3574

Triad

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



51.9167, 0.3184, 0.3754



51.9167, 0.2632, 0.2882



51.9167, 0.3576, 0.3246

Complementary

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



51.9167, 0.3184, 0.3754



40.9648, 0.3058, 0.2844

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.



51.9167, 0.3338, 0.3028



51.9167, 0.3184, 0.3754



51.9167, 0.2794, 0.2821

Square

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



51.9167, 0.3184, 0.3754



51.9167, 0.2597, 0.3056



51.9167, 0.3050, 0.2875



51.9167, 0.3689, 0.3483

Rectangle

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



51.9167, 0.3184, 0.3754



51.9167, 0.2754, 0.3402



51.9167, 0.3050, 0.2875



51.9167, 0.3507, 0.3169

Sweetspot

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



51.9189, 0.3184, 0.3754



97.5178, 0.3144, 0.3414



50.4071, 0.3412, 0.3599



20.8005, 0.3146, 0.3433



0.0000, 0.0000, 0.0000



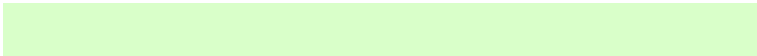
21.4041, 0.3127, 0.3290

Same Dimension

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



51.9189, 0.3184, 0.3754



90.4664, 0.3195, 0.3859



51.0814, 0.3055, 0.3667



12.0318, 0.3158, 0.3526



26.8585, 0.3134, 0.5894



1.3093, 0.3298, 0.5763

Inverse Universe

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



40.9648, 0.3058, 0.2844



67.6823, 0.3041, 0.2748



41.9613, 0.3208, 0.2940



10.6589, 0.3093, 0.3059



6.4111, 0.2505, 0.1153



0.3389, 0.2657, 0.1237

Previews

White Background



This preview shows how the Yxy color 51.9167, 0.3184, 0.3754 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 51.9167, 0.3184, 0.3754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

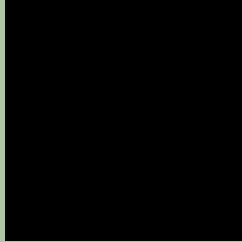
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.9167, 0.3184, 0.3754

Background



This preview shows how black text looks on a background with the Yxy color 51.9167, 0.3184, 0.3754.



This preview shows how white text looks on a background with the Yxy color 51.9167, 0.3184, 0.3754.

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

51.9167, 0.3184, 0.3754

Protanopia

51.7476, 0.3465, 0.3677

Deuteranopia

51.5256, 0.3575, 0.3493



Tritanopia

51.9076, 0.2925, 0.3102

Trichromacy



Original Color

51.9167, 0.3184, 0.3754

Protanomaly

51.7544, 0.3364, 0.3712

Deuteranomaly

51.2396, 0.3429, 0.3576

Tritanomaly

51.6923, 0.3015, 0.3328

Monochromacy



Original Color

51.9167, 0.3184, 0.3754

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.4210, 0.3152, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9167, 0.3184, 0.3754 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(173, 198, 163)` looks like.

```
.text, #text, p{  
    color:rgb(173, 198, 163)  
}
```

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(173, 198, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 198, 163) }
```

Border

The CSS property to change the border of an element to Yxy 51.9167, 0.3184, 0.3754 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(173, 198, 163) }
```

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

```
.border{ border-color:rgb(173, 198, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 198, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 198, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 198, 163);  
box-shadow:4px 4px 4px 4px rgb(173, 198,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9167, 0.3184, 0.3754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 198, 163) }
```

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

```
.background{ background-color: rgb(173,  
198, 163) }
```

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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