

Converting Colors

$Yxy(50.9377, 0.3138, 0.3733)$

Have a look what the booklet for
Yxy(50.9377, 0.3138, 0.3733)
contains.

Yxy(50.9377, 0.3138, 0.3733)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.9377, 0.3138, 0.3733)

Conversions

Conversions Part 1

Format	Color
Hex	A8C5A4
RGB	168, 197, 164
RGB Percent	66%, 77%, 64%
CMY	0.3411, 0.2275, 0.3569
CMYK	0.15, 0.00, 0.17, 0.23
HSL	113°, 22%, 71%
HSV	113°, 17%, 77%
XYZ	42.8188, 50.9377, 42.6960
YIQ	184.5670, -6.6910, -16.4110

Conversions

Conversions Part 2

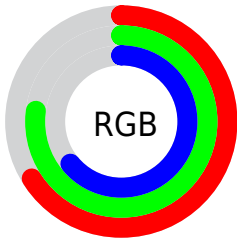
Format	Color
RYB	164, 197, 193
Decimal	11060644
CIELab	76.64, -16.02, 13.34
CIElCh	77, 20.845, 140.217
Yxy	50.9377, 0.3138, 0.3733
Android (android.graphics.Color)	4289250724 (0xFFA8C5A4)
YUV	184.5670, -10.1395, -14.5293
Hunter-Lab	71.3707, -17.8077, 14.4905

Details

The Yxy color **50.9377, 0.3138, 0.3733** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.9161, 0.3110, 0.2875**, and the grayscale version is **48.3259, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6861, 0.3135, 0.3654**, and **24.5278, 0.3142, 0.3863** is the 20% darker color. If you saturate the color by 10%, you get **48.5080, 0.3141, 0.4038**, and if you desaturate by 10%, it is **53.7346, 0.3132, 0.3458**.

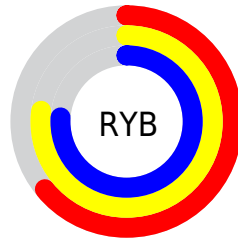
Distribution



Red (66%)

Green (77%)

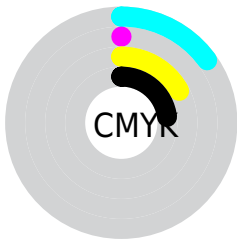
Blue (64%)



Red (64%)

Yellow (77%)

Blue (76%)

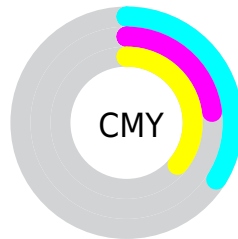


Cyan (15%)

Magenta (0%)

Yellow (17%)

Black (23%)



Cyan (34%)

Magenta (23%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.9377, 0.3138, 0.3733 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 50.9377, 0.3138, 0.3733 by changing the saturation by 10% instead.

■ 50.9377, 0.3138,
0.3733

■ 50.9377, 0.3138,
0.3733

390.3217, 0.3136,
0.3509

■ 36.1590, 0.3138,
0.3790

■ 91.5627, 0.3138,
0.3651

■ 24.5570, 0.3137,
0.3863

■ 118.1778, 0.3138,
0.3620

■ 15.7473, 0.3134,
0.3961

149.5071, 0.3137,
0.3595

■ 9.3455, 0.3129,
0.4100

185.9351, 0.3137,
0.3572

■ 4.9672, 0.3116,
0.4310

227.8462, 0.3137,
0.3553

■ 2.2281, 0.3083,
0.4662

275.6247, 0.3136,

■ 0.7352, 0.2951,

0.3537

0.7049

329.6551, 0.3136,
0.3522

0.0000, 0.0000,
0.0000

50.9377, 0.3138,
0.3733

50.9377, 0.3138,
0.3733

48.5080, 0.3141,
0.4038

53.7346, 0.3132,
0.3458

46.4240, 0.3141,
0.4368

56.9062, 0.3125,
0.3214

44.6719, 0.3136,
0.4712

60.4680, 0.3116,
0.3001

43.2344, 0.3126,
0.5054

64.4328, 0.3107,
0.2815

42.0927, 0.3110,
0.5370

68.3201, 0.3150,
0.2722

■ 41.2258, 0.3088,
0.5636

■ 68.4123, 0.3154,
0.2722

■ 40.6101, 0.3062,
0.5832

■ 40.2169, 0.3036,
0.5949

■ 40.1267, 0.3030,
0.5976

Harmonies

Analogous

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



50.9377, 0.3414, 0.3794



50.9377, 0.3138, 0.3733



50.9377, 0.2867, 0.3535

Triad

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



50.9377, 0.3138, 0.3733



50.9377, 0.2651, 0.2865



50.9377, 0.3603, 0.3284

Complementary

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



50.9377, 0.3138, 0.3733



41.9161, 0.3110, 0.2875

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.



50.9377, 0.3381, 0.3060



50.9377, 0.3138, 0.3733



50.9377, 0.2831, 0.2823

Square

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



50.9377, 0.3138, 0.3733



50.9377, 0.2594, 0.3022



50.9377, 0.3096, 0.2895



50.9377, 0.3691, 0.3519

Rectangle

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



50.9377, 0.3138, 0.3733



50.9377, 0.2725, 0.3358



50.9377, 0.3096, 0.2895



50.9377, 0.3541, 0.3206

Sweetspot

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



50.9399, 0.3138, 0.3733



97.1440, 0.3131, 0.3415



52.5136, 0.3385, 0.3649



20.7099, 0.3131, 0.3433



0.0000, 0.0000, 0.0000



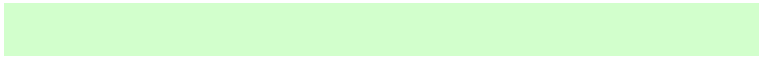
21.4041, 0.3127, 0.3290

Same Dimension

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



50.9399, 0.3138, 0.3733



89.6133, 0.3140, 0.3838



50.9632, 0.3020, 0.3569



11.9488, 0.3134, 0.3527



26.4131, 0.3034, 0.5973



1.2718, 0.3134, 0.5893

Inverse Universe

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



41.9161, 0.3110, 0.2875



70.5055, 0.3105, 0.2784



41.9194, 0.3252, 0.3026



10.7485, 0.3119, 0.3061



8.5182, 0.2906, 0.1375



0.4223, 0.2973, 0.1412

Previews

White Background



This preview shows how the Yxy color 50.9377, 0.3138, 0.3733 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 50.9377, 0.3138, 0.3733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

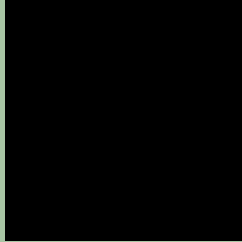
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.9377, 0.3138, 0.3733

Background



This preview shows how black text looks on a background with the Yxy color 50.9377, 0.3138, 0.3733.



This preview shows how white text looks on a background with the Yxy color 50.9377, 0.3138, 0.3733.

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

50.9377, 0.3138, 0.3733

Protanopia

50.6466, 0.3444, 0.3643

Deuteranopia

50.6930, 0.3542, 0.3471



Tritanopia

50.8318, 0.2894, 0.3100

Trichromacy



Original Color

50.9377, 0.3138, 0.3733

Protanomaly

50.5262, 0.3334, 0.3678

Deuteranomaly

50.2996, 0.3388, 0.3555

Tritanomaly

50.6722, 0.2976, 0.3316

Monochromacy



Original Color

50.9377, 0.3138, 0.3733

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.1532, 0.3136, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9377, 0.3138, 0.3733 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(168, 197, 164)` looks like.

```
.text, #text, p{  
  color:rgb(168, 197, 164)  
}
```

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(168, 197, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 197, 164) }
```

Border

The CSS property to change the border of an element to Yxy 50.9377, 0.3138, 0.3733 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(168, 197, 164) }
```

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

```
.border{ border-color:rgb(168, 197, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 197, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 197, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 197, 164);  
box-shadow:4px 4px 4px 4px rgb(168, 197,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9377, 0.3138, 0.3733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 197, 164) }
```

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

```
.background{ background-color: rgb(168,  
197, 164) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor