

Converting Colors

Yxy(50.3462, 0.3128, 0.3800)

Have a look what the booklet for
Yxy(50.3462, 0.3128, 0.3800)
contains.

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Color

Yxy(50.2571, 0.3127, 0.3794)

Conversions

Conversions Part 1

Format	Color
Hex	A3C5A0
RGB	163, 197, 160
RGB Percent	64%, 77%, 63%
CMY	0.3607, 0.2275, 0.3725
CMYK	0.17, 0.00, 0.19, 0.23
HSL	115°, 24%, 70%
HSV	115°, 19%, 77%
XYZ	41.4217, 50.2571, 40.7859
YIQ	182.6160, -8.3870, -18.7150

Conversions

Conversions Part 2

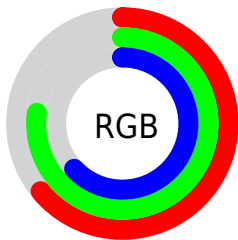
Format	Color
RYB	160, 197, 194
Decimal	10732960
CIELab	76.23, -18.45, 14.84
CIELCh	76, 23.676, 141.185
Yxy	50.2571, 0.3127, 0.3794
Android (android.graphics.Color)	4288923040 (0xFFA3C5A0)
YUV	182.6160, -11.1497, -17.2032
Hunter-Lab	70.8922, -19.7655, 15.5137

Details

The Yxy color **50.2571, 0.3127, 0.3794** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.6495, 0.3121, 0.2826**, and the grayscale version is **47.2029, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6953, 0.3126, 0.3701**, and **24.1071, 0.3127, 0.3950** is the 20% darker color. If you saturate the color by 10%, you get **47.8472, 0.3124, 0.4107**, and if you desaturate by 10%, it is **53.0540, 0.3128, 0.3511**.

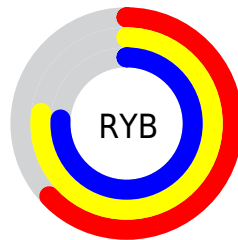
Distribution



Red (64%)

Green (77%)

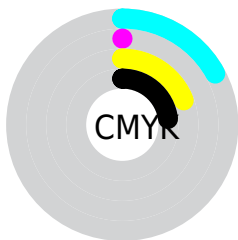
Blue (63%)



Red (63%)

Yellow (77%)

Blue (76%)

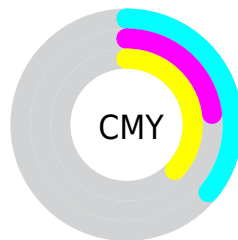


Cyan (17%)

Magenta (0%)

Yellow (19%)

Black (23%)



Cyan (36%)


Magenta (23%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.2571, 0.3127, 0.3794 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 50.2571, 0.3127, 0.3794 by changing the saturation by 10% instead.


 50.2571, 0.3127,
0.3794

 50.2571, 0.3127,
0.3794


387.6705, 0.3131,
0.3538

 35.6177, 0.3125,
0.3859


 90.5557, 0.3129,
0.3700

 24.1391, 0.3121,
0.3944


 116.9837, 0.3130,
0.3665

 15.4368, 0.3115,
0.4058


148.1100, 0.3130,
0.3635

 9.1265, 0.3103,
0.4220

184.3191, 0.3131,
0.3610

 4.8238, 0.3080,
0.4466

225.9953, 0.3131,
0.3588

 2.1443, 0.3026,
0.4882

273.5230, 0.3131,


 0.6893, 0.2291,


0.3569

0.7709

327.2866, 0.3131,
0.3552


 0.0000, 0.0000,
0.0000


 50.2571, 0.3127,
0.3794


 50.2571, 0.3127,
0.3794


 47.8472, 0.3124,
0.4107

 53.0540, 0.3128,
0.3511

 45.8011, 0.3117,
0.4445


 56.2470, 0.3127,
0.3261


 44.1032, 0.3107,
0.4794

 59.8532, 0.3125,
0.3042

 42.7338, 0.3094,
0.5137

 63.8866, 0.3122,
0.2852

 41.6717, 0.3076,
0.5447

 68.1314, 0.3143,
0.2720

■ 40.8930, 0.3057,
0.5701

■ 68.4106, 0.3154,
0.2722

■ 40.3703, 0.3036,
0.5878

■ 40.0669, 0.3018,
0.5977

■ 40.0409, 0.3017,
0.5987

Harmonies

Analogous

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



50.2571, 0.3443, 0.3867



50.2571, 0.3127, 0.3794



50.2571, 0.2821, 0.3561

Triad

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



50.2571, 0.3127, 0.3794



50.2571, 0.2591, 0.2802



50.2571, 0.3677, 0.3289

Complementary

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



50.2571, 0.3127, 0.3794



40.6495, 0.3121, 0.2826

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.



50.2571, 0.3426, 0.3036



50.2571, 0.3127, 0.3794



50.2571, 0.2798, 0.2761

Square

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



50.2571, 0.3127, 0.3794



50.2571, 0.2523, 0.2975



50.2571, 0.3101, 0.2847



50.2571, 0.3771, 0.3555

Rectangle

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



50.2571, 0.3127, 0.3794



50.2571, 0.2663, 0.3356



50.2571, 0.3101, 0.2847



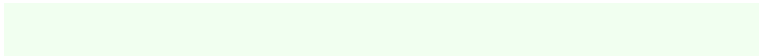
50.2571, 0.3607, 0.3201

Sweetspot

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



50.2592, 0.3127, 0.3794



96.4843, 0.3128, 0.3441



52.9544, 0.3413, 0.3715



20.5732, 0.3128, 0.3458



0.0000, 0.0000, 0.0000



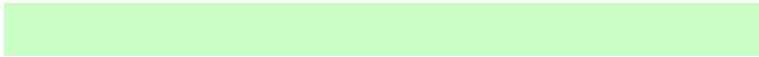
21.4041, 0.3127, 0.3290

Same Dimension

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



50.2592, 0.3127, 0.3794



87.9552, 0.3126, 0.3934



50.5188, 0.2995, 0.3581



11.9284, 0.3128, 0.3528



26.3531, 0.3020, 0.5984



1.2624, 0.3091, 0.5928

Inverse Universe

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



40.6495, 0.3121, 0.2826



67.2250, 0.3119, 0.2710



40.3806, 0.3286, 0.3016



10.7711, 0.3125, 0.3061



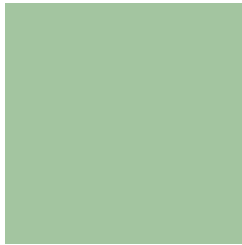
9.1294, 0.3008, 0.1431



0.4456, 0.3052, 0.1455

Previews

White Background



This preview shows how the Yxy color 50.2571, 0.3127, 0.3794 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 50.2571, 0.3127, 0.3794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

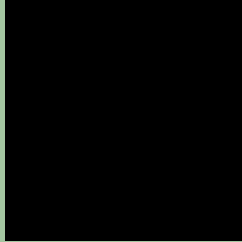
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.2571, 0.3127, 0.3794

Background



This preview shows how black text looks on a background with the Yxy color 50.2571, 0.3127, 0.3794.



This preview shows how white text looks on a background with the Yxy color 50.2571, 0.3127, 0.3794.

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

50.2571, 0.3127, 0.3794

Protanopia

49.9130, 0.3478, 0.3696

Deuteranopia

49.9882, 0.3570, 0.3509



Tritanopia

50.3758, 0.2864, 0.3098

Trichromacy



Original Color

50.2571, 0.3127, 0.3794

Protanomaly

50.0102, 0.3339, 0.3734

Deuteranomaly

49.7514, 0.3394, 0.3609

Tritanomaly

50.1389, 0.2960, 0.3342

Monochromacy



Original Color

50.2571, 0.3127, 0.3794

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.2917, 0.3127, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2571, 0.3127, 0.3794 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(163, 197, 160)` looks like.

```
.text, #text, p{  
    color:rgb(163, 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(163, 197, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 197, 160) }
```

Border

The CSS property to change the border of an element to Yxy 50.2571, 0.3127, 0.3794 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(163, 197, 160) }
```

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

```
.border{ border-color:rgb(163, 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(163, 197, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 197, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 197, 160);  
box-shadow:4px 4px 4px 4px rgb(163, 197,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2571, 0.3127, 0.3794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 197, 160) }
```

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

```
.background{ background-color: rgb(163,  
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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