

Converting Colors

Yxy(51.2063, 0.3126, 0.3759)

Have a look what the booklet for
Yxy(51.2063, 0.3126, 0.3759)
contains.

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Color

Yxy(51.1395, 0.3128, 0.3762)

Conversions

Conversions Part 1

Format	Color
Hex	A6C6A3
RGB	166, 198, 163
RGB Percent	65%, 78%, 64%
CMY	0.3492, 0.2235, 0.3608
CMYK	0.16, 0.00, 0.18, 0.22
HSL	115°, 24%, 71%
HSV	115°, 18%, 78%
XYZ	42.5211, 51.1395, 42.2764
YIQ	184.4420, -7.8370, -17.6690

Conversions

Conversions Part 2

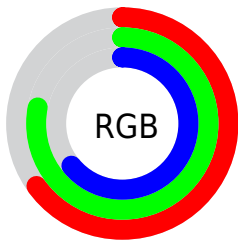
Format	Color
RYB	163, 198, 195
Decimal	10929827
CIELab	76.76, -17.44, 14.03
CIELCh	77, 22.380, 141.178
Yxy	51.1395, 0.3128, 0.3762
Android (android.graphics.Color)	4289119907 (0xFFA6C6A3)
YUV	184.4420, -10.5709, -16.1736
Hunter-Lab	71.5119, -19.0094, 15.0073

Details

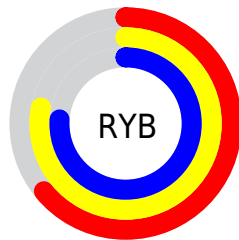
The Yxy color **51.1395, 0.3128, 0.3762** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.8817, 0.3121, 0.2853**, and the grayscale version is **48.2481, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9541, 0.3128, 0.3676**, and **24.6716, 0.3129, 0.3903** is the 20% darker color. If you saturate the color by 10%, you get **48.6637, 0.3125, 0.4072**, and if you desaturate by 10%, it is **54.0071, 0.3128, 0.3483**.

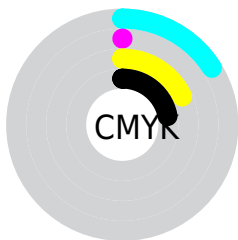
Distribution



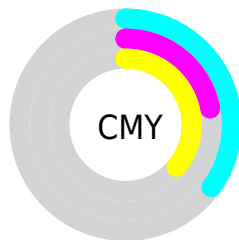
- Red (65%)
- Green (78%)
- Blue (64%)



- Red (64%)
- Yellow (78%)
- Blue (76%)



- Cyan (16%)
- Magenta (0%)
- Yellow (18%)
- Black (22%)





- Cyan (35%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.1395, 0.3128, 0.3762 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 51.1395, 0.3128, 0.3762 by changing the saturation by 10% instead.

 51.1395, 0.3128,
0.3762


 51.1395, 0.3128,
0.3762


391.1055, 0.3131,
0.3523

 36.3196, 0.3126,
0.3823


 91.8609, 0.3130,
0.3674

 24.6812, 0.3123,
0.3901


 118.5313, 0.3130,
0.3642

 15.8397, 0.3118,
0.4006

149.9207, 0.3131,
0.3614

 9.4108, 0.3108,
0.4155

186.4133, 0.3131,
0.3591

 5.0101, 0.3089,
0.4379

228.3938, 0.3131,
0.3570

 2.2532, 0.3045,
0.4756

276.2464, 0.3131,


 0.7488, 0.2764,


0.3553

0.7236

330.3555, 0.3131,
0.3537

 0.0000, 0.0000,
0.0000

 51.1395, 0.3128,
0.3762

 51.1395, 0.3128,
0.3762


 48.6637, 0.3125,
0.4072


 54.0071, 0.3128,
0.3483


 46.5566, 0.3120,
0.4408


 57.2756, 0.3127,
0.3236


 44.8024, 0.3111,
0.4756

 60.9620, 0.3124,
0.3020

 43.3818, 0.3097,
0.5100

 65.0804, 0.3120,
0.2833

 42.2735, 0.3080,
0.5416

 68.8768, 0.3153,
0.2732

■ 41.4538, 0.3061,
0.5676

■ 40.8957, 0.3040,
0.5862

■ 40.5648, 0.3020,
0.5968

■ 40.5130, 0.3018,
0.5986

Harmonies

Analogous

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



51.1395, 0.3425, 0.3832



51.1395, 0.3128, 0.3762



51.1395, 0.2840, 0.3544

Triad

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



51.1395, 0.3128, 0.3762



51.1395, 0.2622, 0.2831



51.1395, 0.3643, 0.3290

Complementary

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



51.1395, 0.3128, 0.3762



41.8817, 0.3121, 0.2853

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.



51.1395, 0.3408, 0.3051



51.1395, 0.3128, 0.3762



51.1395, 0.2817, 0.2791

Square

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



51.1395, 0.3128, 0.3762



51.1395, 0.2557, 0.2995



51.1395, 0.3103, 0.2872



51.1395, 0.3732, 0.3541

Rectangle

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



51.1395, 0.3128, 0.3762



51.1395, 0.2690, 0.3353



51.1395, 0.3103, 0.2872



51.1395, 0.3578, 0.3207

Sweetspot

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



51.1417, 0.3128, 0.3762



97.0581, 0.3128, 0.3415



53.4663, 0.3397, 0.3684



20.6891, 0.3128, 0.3433



0.0000, 0.0000, 0.0000



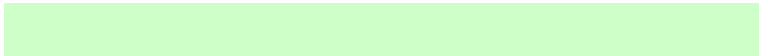
21.4041, 0.3127, 0.3290

Same Dimension

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



51.1417, 0.3128, 0.3762



88.8740, 0.3127, 0.3871



51.3572, 0.3006, 0.3571



11.9298, 0.3128, 0.3528



26.3568, 0.3021, 0.5983



1.2631, 0.3094, 0.5926

Inverse Universe

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



41.8817, 0.3121, 0.2853



69.6184, 0.3119, 0.2761



41.6616, 0.3270, 0.3025



10.7695, 0.3125, 0.3061



9.0846, 0.3000, 0.1427



0.4439, 0.3047, 0.1452

Previews

White Background



This preview shows how the Yxy color 51.1395, 0.3128, 0.3762 looks on a white background.

Color Contrast Check

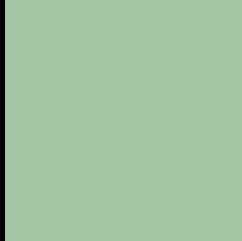
Large Text (above 18pt) WCAG AA × Fail

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 51.1395, 0.3128, 0.3762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

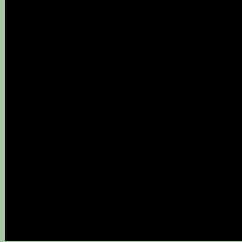
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.1395, 0.3128, 0.3762

Background



This preview shows how black text looks on a background with the Yxy color 51.1395, 0.3128, 0.3762.

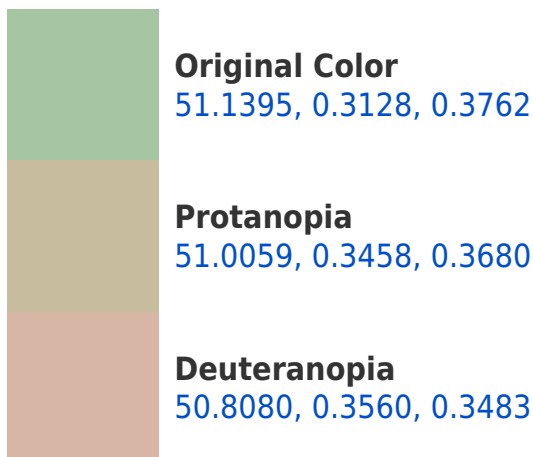


This preview shows how white text looks on a background with the Yxy color 51.1395, 0.3128, 0.3762.

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

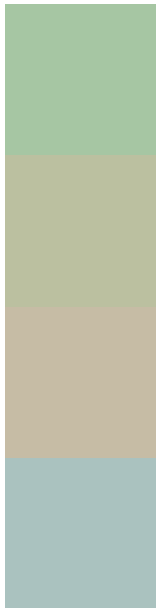




Tritanopia

51.0885, 0.2872, 0.3099

Trichromacy



Original Color

51.1395, 0.3128, 0.3762

Protanomaly

50.8021, 0.3331, 0.3704

Deuteranomaly

50.6888, 0.3394, 0.3580

Tritanomaly

50.8912, 0.2961, 0.3329

Monochromacy



Original Color

51.1395, 0.3128, 0.3762

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.8769, 0.3127, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1395, 0.3128, 0.3762 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(166, 198, 163)` looks like.

```
.text, #text, p{  
    color:rgb(166, 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(166, 198, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 198, 163) }
```

Border

The CSS property to change the border of an element to Yxy 51.1395, 0.3128, 0.3762 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(166, 198, 163) }
```

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

```
.border{ border-color:rgb(166, 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(166, 198, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 198, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 198, 163);  
box-shadow:4px 4px 4px 4px rgb(166, 198,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1395, 0.3128, 0.3762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 198, 163) }
```

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

```
.background{ background-color: rgb(166,  
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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