

Converting Colors

Yxy(51.2104, 0.3040, 0.3658)

Have a look what the booklet for
Yxy(51.2104, 0.3040, 0.3658)
contains.

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Color

Yxy(51.0098, 0.3041, 0.3654)

Conversions

Conversions Part 1

Format	Color
Hex	A2C6AB
RGB	162, 198, 171
RGB Percent	64%, 78%, 67%
CMY	0.3645, 0.2236, 0.3294
CMYK	0.18, 0.00, 0.14, 0.22
HSL	135°, 24%, 71%
HSV	135°, 18%, 78%
XYZ	42.4523, 51.0098, 46.1378
YIQ	184.1580, -12.7890, -16.0290

Conversions

Conversions Part 2

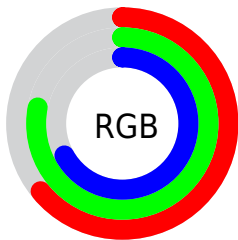
Format	Color
RYB	162, 191, 198
Decimal	10667691
CIELab	76.68, -17.30, 9.58
CIElCh	77, 19.779, 151.026
Yxy	51.0098, 0.3041, 0.3654
Android (android.graphics.Color)	4288857771 (0xFFA2C6AB)
YUV	184.1580, -6.4869, -19.4326
Hunter-Lab	71.4211, -18.8876, 11.6937

Details

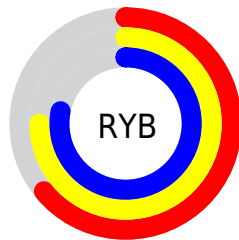
The Yxy color **51.0098, 0.3041, 0.3654** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.5383, 0.3226, 0.2952**, and the grayscale version is **48.0721, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7627, 0.3058, 0.3593**, and **24.5934, 0.3013, 0.3755** is the 20% darker color. If you saturate the color by 10%, you get **48.5629, 0.2995, 0.3889**, and if you desaturate by 10%, it is **53.8513, 0.3088, 0.3444**.

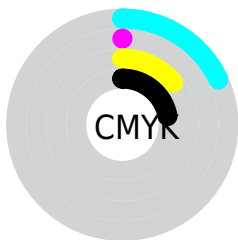
Distribution



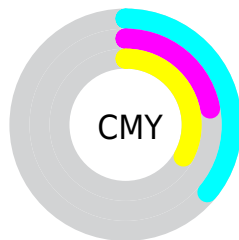
- Red (64%)
- Green (78%)
- Blue (67%)



- Red (64%)
- Yellow (75%)
- Blue (78%)



- Cyan (18%)
- Magenta (0%)
- Yellow (14%)
- Black (22%)




- Cyan (36%)
- Magenta (22%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0098, 0.3041, 0.3654 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 51.0098, 0.3041, 0.3654 by changing the saturation by 10% instead.


 51.0098, 0.3041,
0.3654

 51.0098, 0.3041,
0.3654

390.6019, 0.3086,
0.3470

 36.2164, 0.3029,
0.3700


 91.6693, 0.3058,
0.3587

 24.6014, 0.3014,
0.3761


 118.3041, 0.3064,
0.3562

 15.7803, 0.2993,
0.3841


149.6549, 0.3069,
0.3541

 9.3688, 0.2963,
0.3955

186.1060, 0.3073,
0.3522

 4.9825, 0.2916,
0.4127

228.0419, 0.3077,
0.3507

 2.2370, 0.2833,
0.4417

275.8469, 0.3080,

 0.7401, 0.2429,

0.3493

0.6396

329.9054, 0.3083,
0.3481

0.0000, 0.0000,
0.0000

51.0098, 0.3041,
0.3654

51.0098, 0.3041,
0.3654

48.5629, 0.2995,
0.3889

53.8513, 0.3088,
0.3444

46.4867, 0.2953,
0.4146

57.0971, 0.3136,
0.3257

44.7649, 0.2917,
0.4421

60.7647, 0.3182,
0.3094

43.3769, 0.2890,
0.4705

64.8687, 0.3226,
0.2952

42.3005, 0.2876,
0.4988

68.2582, 0.3222,
0.2821

■ 41.5104, 0.2876,
0.5255

■ 68.8651, 0.3153,
0.2732

■ 40.9772, 0.2890,
0.5492

■ 40.6573, 0.2917,
0.5685

■ 40.6096, 0.2921,
0.5716

Harmonies

Analogous

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



51.0098, 0.3310, 0.3763



51.0098, 0.3041, 0.3654



51.0098, 0.2803, 0.3434

Triad

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



51.0098, 0.3041, 0.3654



51.0098, 0.2724, 0.2859



51.0098, 0.3625, 0.3367

Complementary

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



51.0098, 0.3041, 0.3654



41.5383, 0.3226, 0.2952

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.



51.0098, 0.3455, 0.3144



51.0098, 0.3041, 0.3654



51.0098, 0.2930, 0.2858

Square

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



51.0098, 0.3041, 0.3654



51.0098, 0.2625, 0.2971



51.0098, 0.3197, 0.2962



51.0098, 0.3654, 0.3581

Rectangle

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



51.0098, 0.3041, 0.3654



51.0098, 0.2691, 0.3263



51.0098, 0.3197, 0.2962



51.0098, 0.3582, 0.3291

Sweetspot

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



51.0120, 0.3041, 0.3654



97.0602, 0.3103, 0.3384



53.8919, 0.3327, 0.3747



20.6897, 0.3100, 0.3397



0.0000, 0.0000, 0.0000



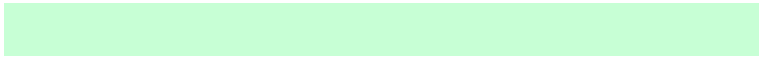
21.4041, 0.3127, 0.3290

Same Dimension

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



51.0120, 0.3041, 0.3654



88.4463, 0.3022, 0.3749



51.7200, 0.2921, 0.3416



11.9305, 0.3083, 0.3468



26.4232, 0.2915, 0.5694



1.2632, 0.2797, 0.5268

Inverse Universe

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



41.5383, 0.3226, 0.2952



68.4131, 0.3253, 0.2871



40.8270, 0.3385, 0.3168



10.7697, 0.3175, 0.3118



9.2262, 0.3952, 0.1951



0.4479, 0.3765, 0.1848

Previews

White Background



This preview shows how the Yxy color 51.0098, 0.3041, 0.3654 looks on a white background.

Color Contrast Check

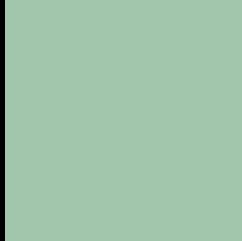
Large Text (above 18pt) WCAG AA × Fail

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 51.0098, 0.3041, 0.3654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

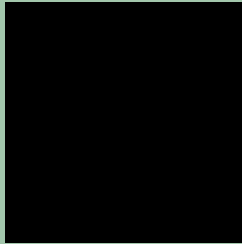
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

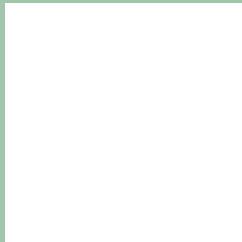
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.0098, 0.3041, 0.3654

Background



This preview shows how black text looks on a background with the Yxy color 51.0098, 0.3041, 0.3654.



This preview shows how white text looks on a background with the Yxy color 51.0098, 0.3041, 0.3654.

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

51.0098, 0.3041, 0.3654

Protanopia

50.5899, 0.3377, 0.3568

Deuteranopia

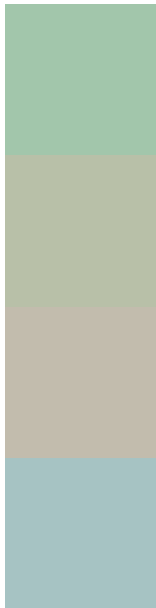
50.5089, 0.3455, 0.3387



Tritanopia

51.1290, 0.2837, 0.3098

Trichromacy



Original Color

51.0098, 0.3041, 0.3654

Protanomaly

50.7168, 0.3244, 0.3601

Deuteranomaly

50.4529, 0.3295, 0.3480

Tritanomaly

51.0773, 0.2904, 0.3289

Monochromacy



Original Color

51.0098, 0.3041, 0.3654

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.8800, 0.3096, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0098, 0.3041, 0.3654 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(162, 198, 171)` looks like.

```
.text, #text, p{  
    color:rgb(162, 198, 171)  
}
```

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(162, 198, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 198, 171) }
```

Border

The CSS property to change the border of an element to Yxy 51.0098, 0.3041, 0.3654 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(162, 198, 171) }
```

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

```
.border{ border-color:rgb(162, 198, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 198, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 198, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 198, 171); box-shadow:4px 4px 4px 4px rgb(162, 198, 171) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0098, 0.3041, 0.3654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 198, 171) }
```

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

```
.background{ background-color: rgb(162,  
198, 171) }
```

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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