

Converting Colors

$Y_{xy}(52.0610, 0.3030, 0.3523)$

Have a look what the booklet for
Yxy(52.0610, 0.3030, 0.3523)
contains.

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Color

Yxy(52.1185, 0.3031, 0.3526)

Conversions

Conversions Part 1

Format	Color
Hex	A9C6B4
RGB	169, 198, 180
RGB Percent	66%, 78%, 71%
CMY	0.3371, 0.2236, 0.2940
CMYK	0.15, 0.00, 0.09, 0.22
HSL	143°, 20%, 72%
HSV	143°, 15%, 78%
XYZ	44.8018, 52.1185, 50.8917
YIQ	187.2770, -11.5060, -11.7460

Conversions

Conversions Part 2

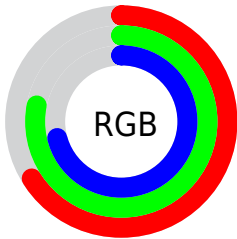
Format	Color
RYB	169, 190, 198
Decimal	11126452
CIELab	77.35, -13.25, 5.74
CIELCh	77, 14.442, 156.585
Yxy	52.1185, 0.3031, 0.3526
Android (android.graphics.Color)	4289316532 (0xFFA9C6B4)
YUV	187.2770, -3.5876, -16.0289
Hunter-Lab	72.1931, -15.5640, 8.7395

Details

The Yxy color **52.1185, 0.3031, 0.3526** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.9818, 0.3237, 0.3065**, and the grayscale version is **49.8892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4234, 0.3045, 0.3484**, and **25.2607, 0.3010, 0.3596** is the 20% darker color. If you saturate the color by 10%, you get **49.6147, 0.2968, 0.3711**, and if you desaturate by 10%, it is **55.0027, 0.3097, 0.3360**.

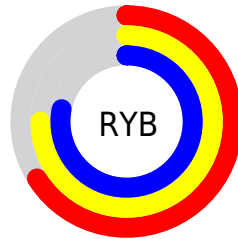
Distribution



Red (66%)

Green (78%)

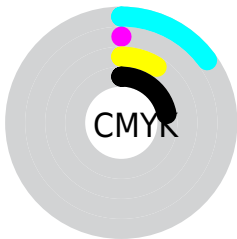
Blue (71%)



Red (66%)

Yellow (75%)

Blue (78%)

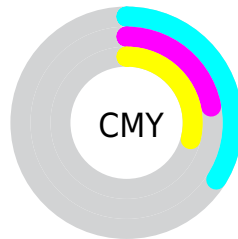


Cyan (15%)

Magenta (0%)

Yellow (9%)

Black (22%)



Cyan (34%)


Magenta (22%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.1185, 0.3031, 0.3526 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 52.1185, 0.3031, 0.3526 by changing the saturation by 10% instead.


 52.1185, 0.3031,
0.3526

 52.1185, 0.3031,
0.3526


394.8939, 0.3079,
0.3408

 37.0995, 0.3019,
0.3555


 93.3060, 0.3049,
0.3483

 25.2846, 0.3003,
0.3593


 120.2433, 0.3055,
0.3467

 16.2892, 0.2983,
0.3643


151.9222, 0.3061,
0.3454

 9.7290, 0.2954,
0.3713

188.7270, 0.3065,
0.3442

 5.2197, 0.2910,
0.3818

231.0422, 0.3070,
0.3432

 2.3767, 0.2838,
0.3991

279.2522, 0.3073,


 0.8139, 0.2573,


0.3423


0.4654

333.7413, 0.3076,
0.3415


 0.0000, 0.0000,
0.0000


 52.1185, 0.3031,
0.3526


 52.1185, 0.3031,
0.3526


 49.6147, 0.2968,
0.3711


 55.0027, 0.3097,
0.3360


 47.4688, 0.2909,
0.3915


 58.2757, 0.3163,
0.3213


 45.6656, 0.2857,
0.4136


 61.9539, 0.3227,
0.3084


 44.1866, 0.2816,
0.4369

 66.0508, 0.3290,
0.2971

 43.0114, 0.2790,
0.4610

 68.0233, 0.3251,
0.2858


 42.1169, 0.2780,
0.4850

 68.7843, 0.3162,
0.2744

 41.4769, 0.2788,
0.5080

 68.8655, 0.3153,
0.2732

 41.0596, 0.2814,
0.5291

 40.8955, 0.2832,
0.5395

Harmonies

Analogous

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



52.1185, 0.3226, 0.3622



52.1185, 0.3031, 0.3526



52.1185, 0.2865, 0.3361

Triad

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



52.1185, 0.3031, 0.3526



52.1185, 0.2856, 0.2968



52.1185, 0.3499, 0.3380

Complementary

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



52.1185, 0.3031, 0.3526



43.9818, 0.3237, 0.3065

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.



52.1185, 0.3393, 0.3214



52.1185, 0.3031, 0.3526



52.1185, 0.3019, 0.2981

Square

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



52.1185, 0.3031, 0.3526



52.1185, 0.2766, 0.3039



52.1185, 0.3216, 0.3070



52.1185, 0.3500, 0.3530

Rectangle

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



52.1185, 0.3031, 0.3526



52.1185, 0.2792, 0.3239



52.1185, 0.3216, 0.3070



52.1185, 0.3474, 0.3325

Sweetspot

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



52.1207, 0.3031, 0.3526



97.7156, 0.3100, 0.3351



53.8636, 0.3256, 0.3658



20.8259, 0.3095, 0.3363



0.0000, 0.0000, 0.0000



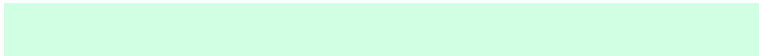
21.4041, 0.3127, 0.3290

Same Dimension

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



52.1207, 0.3031, 0.3526



90.6095, 0.3008, 0.3591



52.7254, 0.2933, 0.3339



11.9534, 0.3065, 0.3437



26.6126, 0.2825, 0.5370



1.2742, 0.2705, 0.4937

Inverse Universe

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



43.9818, 0.3237, 0.3065



73.0584, 0.3269, 0.3007



43.4069, 0.3362, 0.3242



10.7457, 0.3195, 0.3148



8.7523, 0.4443, 0.2221



0.4282, 0.4120, 0.2044

Previews

White Background



This preview shows how the Yxy color 52.1185, 0.3031, 0.3526 looks on a white background.

Color Contrast Check

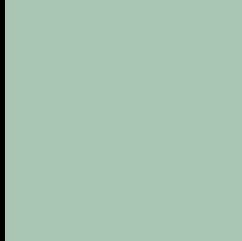
Large Text (above 18pt) WCAG AA × Fail

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 52.1185, 0.3031, 0.3526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

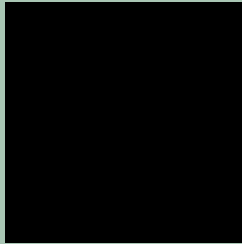
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

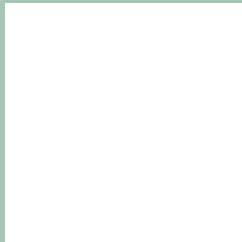
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.1185, 0.3031, 0.3526

Background



This preview shows how black text looks on a background with the Yxy color 52.1185, 0.3031, 0.3526.



This preview shows how white text looks on a background with the Yxy color 52.1185, 0.3031, 0.3526.

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

52.1185, 0.3031, 0.3526

Protanopia

51.9673, 0.3303, 0.3464

Deuteranopia

51.6969, 0.3376, 0.3303



Tritanopia

52.1857, 0.2867, 0.3101

Trichromacy



Original Color

52.1185, 0.3031, 0.3526

Protanomaly

51.8790, 0.3199, 0.3494

Deuteranomaly

51.5084, 0.3240, 0.3377

Tritanomaly

51.8781, 0.2928, 0.3251

Monochromacy



Original Color

52.1185, 0.3031, 0.3526

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.4256, 0.3091, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1185, 0.3031, 0.3526 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(169, 198, 180)` looks like.

```
.text, #text, p{  
    color:rgb(169, 198, 180)  
}
```

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(169, 198, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 198, 180) }
```

Border

The CSS property to change the border of an element to Yxy 52.1185, 0.3031, 0.3526 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(169, 198, 180) }
```

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

```
.border{ border-color:rgb(169, 198, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 198, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 198, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 198, 180);  
box-shadow:4px 4px 4px 4px rgb(169, 198,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1185, 0.3031, 0.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 198, 180) }
```

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

```
.background{ background-color: rgb(169,  
198, 180) }
```

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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