

Converting Colors

$Y_{xy}(49.1056, 0.3112, 0.3527)$

Have a look what the booklet for
Yxy(49.1056, 0.3112, 0.3527)
contains.

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Color

Yxy(49.1630, 0.3116, 0.3529)

Conversions

Conversions Part 1

Format	Color
Hex	ADBFA D
RGB	173, 191, 173
RGB Percent	68%, 75%, 68%
CMY	0.3215, 0.2510, 0.3215
CMYK	0.09, 0.00, 0.09, 0.25
HSL	120°, 12%, 71%
HSV	120°, 9%, 75%
XYZ	43.4094, 49.1630, 46.7390
YIQ	183.5660, -4.9500, -9.4140

Conversions

Conversions Part 2

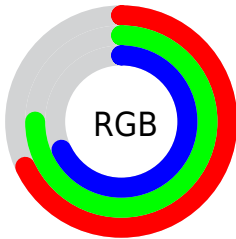
Format	Color
RYB	173, 191, 191
Decimal	11386797
CIELab	75.55, -9.57, 6.98
CIELCh	76, 11.846, 143.903
Yxy	49.1630, 0.3116, 0.3529
Android (android.graphics.Color)	4289576877 (0xFFADBFAD)
YUV	183.5660, -5.2090, -9.2664
Hunter-Lab	70.1163, -12.1932, 9.5592

Details

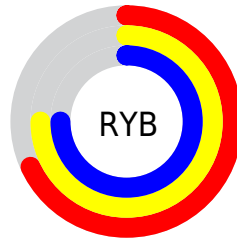
The Yxy color **49.1630, 0.3116, 0.3529** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.7268, 0.3138, 0.3062**, and the grayscale version is **47.7145, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6169, 0.3118, 0.3486**, and **23.6224, 0.3113, 0.3600** is the 20% darker color. If you saturate the color by 10%, you get **46.4541, 0.3103, 0.3816**, and if you desaturate by 10%, it is **52.2928, 0.3128, 0.3276**.

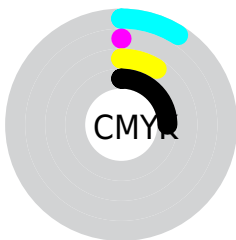
Distribution



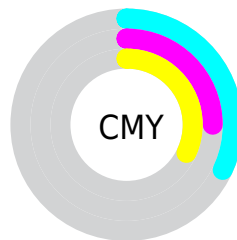
- Red (68%)
- Green (75%)
- Blue (68%)



- Red (68%)
- Yellow (75%)
- Blue (75%)



- Cyan (9%)
- Magenta (0%)
- Yellow (9%)
- Black (25%)





- Cyan (32%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.1630, 0.3116, 0.3529 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 49.1630, 0.3116, 0.3529 by changing the saturation by 10% instead.


 49.1630, 0.3116,
0.3529

 49.1630, 0.3116,
0.3529


383.3837, 0.3122,
0.3409

 34.7488, 0.3114,
0.3559

 88.9335, 0.3119,
0.3485

 23.4694, 0.3112,
0.3598


115.0586, 0.3119,
0.3469

 14.9405, 0.3108,
0.3651


145.8561, 0.3120,
0.3455

 8.7777, 0.3102,
0.3725

181.7104, 0.3121,
0.3443

 4.5964, 0.3092,
0.3836

223.0059, 0.3121,
0.3433

 2.0125, 0.3073,
0.4024

270.1270, 0.3122,


 0.6147, 0.3057,


0.3424

0.5361


323.4582, 0.3122,
0.3416

 0.0000, 0.0000,
0.0000


 49.1630, 0.3116,
0.3529


 49.1630, 0.3116,
0.3529


 46.4541, 0.3103,
0.3816

 52.2928, 0.3128,
0.3276

 44.1423, 0.3088,
0.4136


 55.8539, 0.3138,
0.3057


 42.2109, 0.3071,
0.4481

 59.8639, 0.3147,
0.2868

 40.6394, 0.3055,
0.4838

 64.3377, 0.3154,
0.2706

 39.4057, 0.3038,
0.5185

 65.7421, 0.3157,
0.2663

■ 38.4849, 0.3024,
0.5495

■ 37.8490, 0.3012,
0.5743

■ 37.4648, 0.3004,
0.5908

■ 37.2721, 0.3000,
0.5995

Harmonies

Analogous

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



49.1630, 0.3277, 0.3577



49.1630, 0.3116, 0.3529



49.1630, 0.2961, 0.3412

Triad

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



49.1630, 0.3116, 0.3529



49.1630, 0.2859, 0.3037



49.1630, 0.3410, 0.3308

Complementary

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



49.1630, 0.3116, 0.3529



44.7268, 0.3138, 0.3062

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.



49.1630, 0.3292, 0.3171



49.1630, 0.3116, 0.3529



49.1630, 0.2974, 0.3017

Square

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



49.1630, 0.3116, 0.3529



49.1630, 0.2815, 0.3125



49.1630, 0.3132, 0.3066



49.1630, 0.3449, 0.3443

Rectangle

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



49.1630, 0.3116, 0.3529



49.1630, 0.2881, 0.3313



49.1630, 0.3132, 0.3066



49.1630, 0.3378, 0.3261

Sweetspot

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



49.1651, 0.3116, 0.3529



91.5363, 0.3124, 0.3364



51.2253, 0.3266, 0.3515



19.9992, 0.3123, 0.3384



97.7402, 0.3127, 0.3290



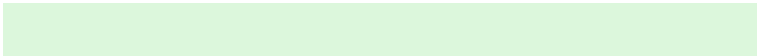
20.4902, 0.3127, 0.3290

Same Dimension

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



49.1651, 0.3116, 0.3529



87.1499, 0.3114, 0.3577



49.5122, 0.3051, 0.3412



10.6498, 0.3116, 0.3527



24.4882, 0.3000, 0.6000



0.9593, 0.3000, 0.6000

Inverse Universe

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



44.7268, 0.3138, 0.3062



77.8338, 0.3140, 0.3019



44.3559, 0.3210, 0.3171



9.6961, 0.3138, 0.3064



9.7456, 0.3208, 0.1541



0.3818, 0.3209, 0.1541

Previews

White Background



This preview shows how the Yxy color 49.1630, 0.3116, 0.3529 looks on a white background.

Color Contrast Check

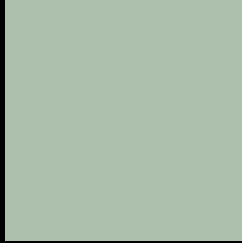
Large Text (above 18pt) WCAG AA × Fail

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 49.1630, 0.3116, 0.3529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

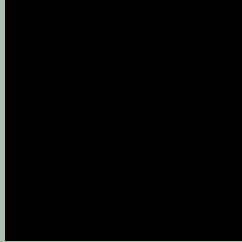
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.1630, 0.3116, 0.3529

Background



This preview shows how black text looks on a background with the Yxy color 49.1630, 0.3116, 0.3529.



This preview shows how white text looks on a background with the Yxy color 49.1630, 0.3116, 0.3529.

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

49.1630, 0.3116, 0.3529

Protanopia

48.9377, 0.3315, 0.3482

Deuteranopia

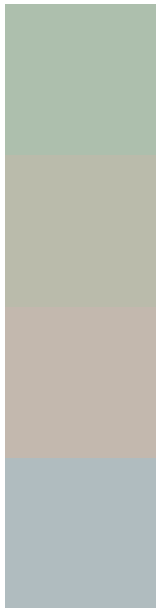
49.1476, 0.3415, 0.3352



Tritanopia

49.2699, 0.2943, 0.3099

Trichromacy



Original Color

49.1630, 0.3116, 0.3529

Protanomaly

48.9200, 0.3244, 0.3498

Deuteranomaly

48.9391, 0.3302, 0.3417

Tritanomaly

48.9581, 0.3007, 0.3251

Monochromacy



Original Color

49.1630, 0.3116, 0.3529

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.5392, 0.3123, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.1630, 0.3116, 0.3529 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(173, 191, 173)` looks like.

```
.text, #text, p{  
    color:rgb(173, 191, 173)  
}
```

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(173, 191, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 191, 173) }
```

Border

The CSS property to change the border of an element to Yxy 49.1630, 0.3116, 0.3529 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(173, 191, 173) }
```

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

```
.border{ border-color:rgb(173, 191, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 191, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 191, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 191, 173);  
box-shadow:4px 4px 4px 4px rgb(173, 191,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1630, 0.3116, 0.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 191, 173) }
```

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

```
.background{ background-color: rgb(173,  
191, 173) }
```

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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