

Converting Colors

$Yxy(46.2213, 0.3133, 0.3673)$

Have a look what the booklet for
Yxy(46.2213, 0.3133, 0.3673)
contains.

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Color

Yxy(46.2910, 0.3134, 0.3679)

Conversions

Conversions Part 1

Format	Color
Hex	A3BCA0
RGB	163, 188, 160
RGB Percent	64%, 74%, 63%
CMY	0.3607, 0.2627, 0.3727
CMYK	0.13, 0.00, 0.15, 0.26
HSL	113°, 17%, 68%
HSV	113°, 15%, 74%
XYZ	39.4335, 46.2910, 40.1004
YIQ	177.3330, -5.9120, -14.0080

Conversions

Conversions Part 2

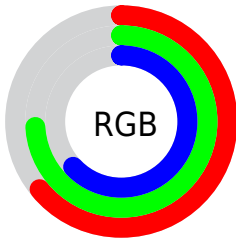
Format	Color
RYB	160, 188, 185
Decimal	10730656
CIELab	73.73, -13.87, 11.35
CIELCh	74, 17.923, 140.690
Yxy	46.2910, 0.3134, 0.3679
Android (android.graphics.Color)	4288920736 (0xFFA3BCA0)
YUV	177.3330, -8.5452, -12.5700
Hunter-Lab	68.0375, -15.6096, 12.6815

Details

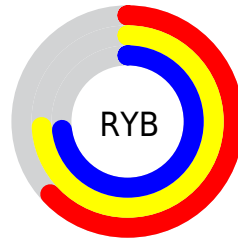
The Yxy color **46.2910, 0.3134, 0.3679** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.0708, 0.3116, 0.2924**, and the grayscale version is **44.2004, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5131, 0.3132, 0.3600**, and **21.7902, 0.3136, 0.3812** is the 20% darker color. If you saturate the color by 10%, you get **44.0308, 0.3136, 0.3978**, and if you desaturate by 10%, it is **48.8890, 0.3130, 0.3410**.

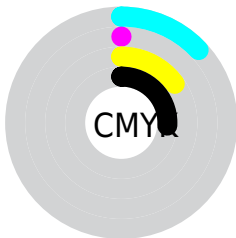
Distribution



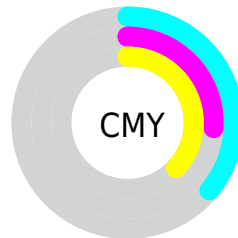
- Red (64%)
- Green (74%)
- Blue (63%)



- Red (63%)
- Yellow (74%)
- Blue (73%)



- Cyan (13%)
- Magenta (0%)
- Yellow (15%)
- Black (26%)





- Cyan (36%)
- Magenta (26%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.2910, 0.3134, 0.3679 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 46.2910, 0.3134, 0.3679 by changing the saturation by 10% instead.


 46.2910, 0.3134,
0.3679


 46.2910, 0.3134,
0.3679


371.9773, 0.3133,
0.3480

 32.4755, 0.3133,
0.3730


 84.6543, 0.3134,
0.3605

 21.7250, 0.3132,
0.3797


 109.9710, 0.3134,
0.3578

 13.6549, 0.3130,
0.3888


139.8901, 0.3134,
0.3555

 7.8811, 0.3125,
0.4018

174.7962, 0.3134,
0.3536

 4.0189, 0.3113,
0.4219

215.0735, 0.3134,
0.3519

 1.6842, 0.3084,
0.4575

261.1066, 0.3133,

 0.4134, 0.1163,

0.3504

0.8837

313.2797, 0.3133,
0.3491

0.0000, 0.0000,
0.0000

46.2910, 0.3134,
0.3679

46.2910, 0.3134,
0.3679

44.0308, 0.3136,
0.3978

48.8890, 0.3130,
0.3410

42.0889, 0.3135,
0.4304

51.8316, 0.3124,
0.3173

40.4526, 0.3129,
0.4647

55.1330, 0.3117,
0.2966

39.1064, 0.3119,
0.4991

58.8047, 0.3110,
0.2786

38.0331, 0.3104,
0.5315

62.8578, 0.3103,
0.2630

■ 37.2140, 0.3084,
0.5593

■ 64.4472, 0.3158,
0.2634

■ 36.6276, 0.3060,
0.5803

■ 36.2491, 0.3035,
0.5934

■ 36.1207, 0.3026,
0.5979

Harmonies

Analogous

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



46.2910, 0.3380, 0.3736



46.2910, 0.3134, 0.3679



46.2910, 0.2893, 0.3503

Triad

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



46.2910, 0.3134, 0.3679



46.2910, 0.2705, 0.2911



46.2910, 0.3551, 0.3289

Complementary

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



46.2910, 0.3134, 0.3679



39.0708, 0.3116, 0.2924

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.



46.2910, 0.3357, 0.3088



46.2910, 0.3134, 0.3679



46.2910, 0.2867, 0.2873

Square

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



46.2910, 0.3134, 0.3679



46.2910, 0.2652, 0.3051



46.2910, 0.3104, 0.2939



46.2910, 0.3627, 0.3499

Rectangle

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



46.2910, 0.3134, 0.3679



46.2910, 0.2767, 0.3348



46.2910, 0.3104, 0.2939



46.2910, 0.3497, 0.3219

Sweetspot

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



46.2930, 0.3134, 0.3679



89.0279, 0.3129, 0.3389



47.8143, 0.3354, 0.3613



19.0631, 0.3130, 0.3408



95.5105, 0.3127, 0.3290



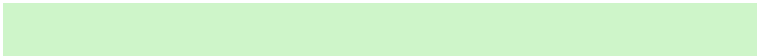
19.5994, 0.3127, 0.3290

Same Dimension

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



46.2930, 0.3134, 0.3679



82.4432, 0.3135, 0.3777



46.3672, 0.3029, 0.3529



10.6980, 0.3132, 0.3526



24.6089, 0.3030, 0.5976



0.9807, 0.3133, 0.5894

Inverse Universe

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



39.0708, 0.3116, 0.2924



66.7569, 0.3112, 0.2838



39.0077, 0.3240, 0.3063



9.6421, 0.3121, 0.3063



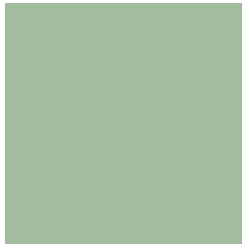
8.1258, 0.2940, 0.1393



0.3335, 0.3008, 0.1431

Previews

White Background



This preview shows how the Yxy color 46.2910, 0.3134, 0.3679 looks on a white background.

Color Contrast Check

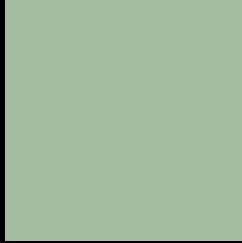
Large Text (above 18pt) WCAG AA × Fail

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 46.2910, 0.3134, 0.3679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

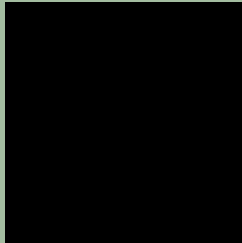
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.2910, 0.3134, 0.3679

Background



This preview shows how black text looks on a background with the Yxy color 46.2910, 0.3134, 0.3679.

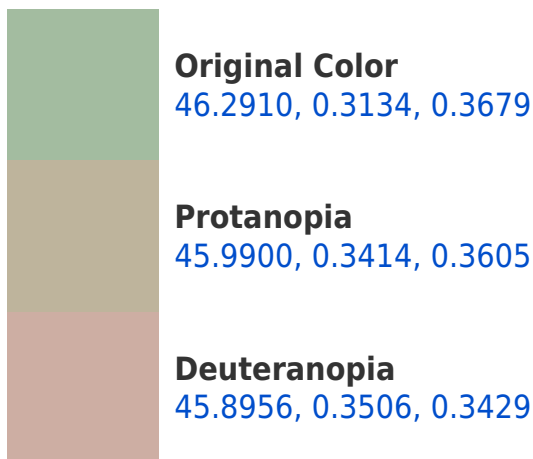


This preview shows how white text looks on a background with the Yxy color 46.2910, 0.3134, 0.3679.

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

46.3332, 0.2907, 0.3106

Trichromacy



Original Color

46.2910, 0.3134, 0.3679

Protanomaly

46.0046, 0.3310, 0.3639

Deuteranomaly

45.7960, 0.3365, 0.3512

Tritanomaly

46.3741, 0.2987, 0.3303

Monochromacy



Original Color

46.2910, 0.3134, 0.3679

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.7587, 0.3129, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2910, 0.3134, 0.3679 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, 188, 160)` looks like.

```
.text, #text, p{  
    color:rgb(163, 188, 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, 188, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 188, 160) }
```

Border

The CSS property to change the border of an element to Yxy 46.2910, 0.3134, 0.3679 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, 188, 160) }
```

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

```
.border{ border-color:rgb(163, 188, 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, 188, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 188, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 188, 160);  
box-shadow:4px 4px 4px 4px rgb(163, 188,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2910, 0.3134, 0.3679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 188, 160) }
```

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

```
.background{ background-color: rgb(163,  
188, 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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