

Converting Colors

$Yxy(46.9404, 0.3131, 0.3573)$

Have a look what the booklet for
Yxy(46.9404, 0.3131, 0.3573)
contains.

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Color

Yxy(47.1915, 0.3130, 0.3575)

Conversions

Conversions Part 1

Format	Color
Hex	A9BCA7
RGB	169, 188, 167
RGB Percent	66%, 74%, 65%
CMY	0.3373, 0.2627, 0.3451
CMYK	0.10, 0.00, 0.11, 0.26
HSL	114°, 14%, 70%
HSV	114°, 11%, 74%
XYZ	41.3173, 47.1915, 43.4954
YIQ	179.9250, -4.5830, -10.5590

Conversions

Conversions Part 2

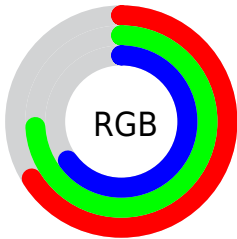
Format	Color
RYB	167, 188, 186
Decimal	11123879
CIELab	74.31, -10.51, 8.41
CIELCh	74, 13.466, 141.327
Yxy	47.1915, 0.3130, 0.3575
Android (android.graphics.Color)	4289313959 (0xFFA9BCA7)
YUV	179.9250, -6.3720, -9.5812
Hunter-Lab	68.6961, -12.8591, 10.5474

Details

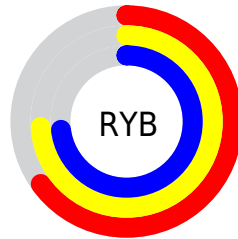
The Yxy color **47.1915, 0.3130, 0.3575** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.7177, 0.3122, 0.3018**, and the grayscale version is **45.6355, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.8226, 0.3129, 0.3521**, and **22.3477, 0.3132, 0.3665** is the 20% darker color. If you saturate the color by 10%, you get **44.7846, 0.3130, 0.3864**, and if you desaturate by 10%, it is **49.9492, 0.3128, 0.3318**.

Distribution



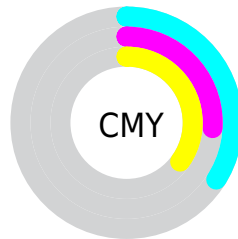
- Red (66%)
- Green (74%)
- Blue (65%)



- Red (65%)
- Yellow (74%)
- Blue (73%)



- Cyan (10%)
- Magenta (0%)
- Yellow (11%)
- Black (26%)





- Cyan (34%)
- Magenta (26%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1915, 0.3130, 0.3575 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 47.1915, 0.3130, 0.3575 by changing the saturation by 10% instead.


 47.1915, 0.3130,
0.3575


 47.1915, 0.3130,
0.3575


375.5784, 0.3130,
0.3430

 33.1871, 0.3130,
0.3612


 85.9994, 0.3130,
0.3522

 22.2698, 0.3129,
0.3660


 111.5717, 0.3130,
0.3502

 14.0553, 0.3128,
0.3724


141.7687, 0.3130,
0.3485

 8.1591, 0.3125,
0.3816

176.9748, 0.3130,
0.3471

 4.1969, 0.3118,
0.3956

217.5744, 0.3130,
0.3459

 1.7843, 0.3102,
0.4198

263.9520, 0.3130,

 0.4774, 0.2922,

0.3448

0.7078

316.4918, 0.3130,
0.3439

0.0000, 0.0000,
0.0000

47.1915, 0.3130,
0.3575

47.1915, 0.3130,
0.3575

44.7846, 0.3130,
0.3864

49.9492, 0.3128,
0.3318

42.7086, 0.3128,
0.4182

53.0647, 0.3124,
0.3092

40.9509, 0.3123,
0.4521

56.5523, 0.3119,
0.2896

39.4957, 0.3113,
0.4869

60.4236, 0.3114,
0.2726

38.3259, 0.3099,
0.5204

64.2964, 0.3152,
0.2633

■ 37.4226, 0.3081,
0.5503

■ 64.4506, 0.3158,
0.2634

■ 36.7645, 0.3060,
0.5740

■ 36.3274, 0.3037,
0.5900

■ 36.0954, 0.3021,
0.5983

Harmonies

Analogous

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



47.1915, 0.3314, 0.3621



47.1915, 0.3130, 0.3575



47.1915, 0.2950, 0.3445

Triad

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



47.1915, 0.3130, 0.3575



47.1915, 0.2811, 0.3005



47.1915, 0.3445, 0.3295

Complementary

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



47.1915, 0.3130, 0.3575



41.7177, 0.3122, 0.3018

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.



47.1915, 0.3303, 0.3141



47.1915, 0.3130, 0.3575



47.1915, 0.2936, 0.2976

Square

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



47.1915, 0.3130, 0.3575



47.1915, 0.2769, 0.3111



47.1915, 0.3116, 0.3026



47.1915, 0.3499, 0.3453

Rectangle

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



47.1915, 0.3130, 0.3575



47.1915, 0.2855, 0.3331



47.1915, 0.3116, 0.3026



47.1915, 0.3405, 0.3242

Sweetspot

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



47.1935, 0.3130, 0.3575



89.5269, 0.3128, 0.3364



48.5630, 0.3294, 0.3535



19.1626, 0.3128, 0.3384



95.5105, 0.3127, 0.3290



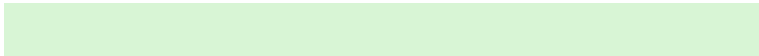
19.5994, 0.3127, 0.3290

Same Dimension

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



47.1935, 0.3130, 0.3575



84.5786, 0.3130, 0.3632



47.2987, 0.3051, 0.3460



10.6912, 0.3130, 0.3526



24.5877, 0.3025, 0.5980



0.9777, 0.3115, 0.5909

Inverse Universe

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



41.7177, 0.3122, 0.3018



73.0026, 0.3121, 0.2967



41.6138, 0.3212, 0.3126



9.6497, 0.3123, 0.3063



8.3391, 0.2978, 0.1414



0.3400, 0.3037, 0.1446

Previews

White Background



This preview shows how the Yxy color 47.1915, 0.3130, 0.3575 looks on a white background.

Color Contrast Check

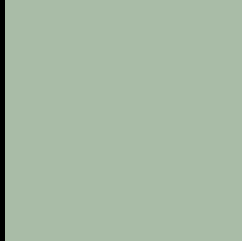
Large Text (above 18pt) WCAG AA × Fail

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 47.1915, 0.3130, 0.3575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

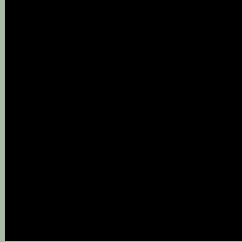
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

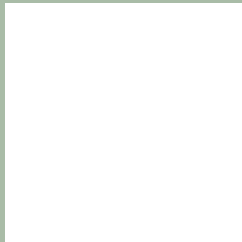
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.1915, 0.3130, 0.3575

Background



This preview shows how black text looks on a background with the Yxy color 47.1915, 0.3130, 0.3575.



This preview shows how white text looks on a background with the Yxy color 47.1915, 0.3130, 0.3575.

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

47.1915, 0.3130, 0.3575

Protanopia

47.0834, 0.3343, 0.3524

Deuteranopia

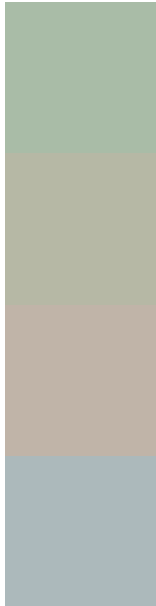
46.8944, 0.3448, 0.3378



Tritanopia

47.3569, 0.2940, 0.3108

Trichromacy



Original Color

47.1915, 0.3130, 0.3575

Protanomaly

46.9427, 0.3261, 0.3542

Deuteranomaly

46.6761, 0.3331, 0.3445

Tritanomaly

47.0564, 0.3005, 0.3263

Monochromacy



Original Color

47.1915, 0.3130, 0.3575

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.1922, 0.3131, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1915, 0.3130, 0.3575 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, 188, 167)` looks like.

```
.text, #text, p{  
    color:rgb(169, 188, 167)  
}
```

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, 188, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 188, 167) }
```

Border

The CSS property to change the border of an element to Yxy 47.1915, 0.3130, 0.3575 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, 188, 167) }
```

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

```
.border{ border-color:rgb(169, 188, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 188, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 188, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 188, 167); box-shadow:4px 4px 4px 4px rgb(169, 188, 167) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1915, 0.3130, 0.3575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 188, 167) }
```

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

```
.background{ background-color: rgb(169,  
188, 167) }
```

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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