

Converting Colors

$Yxy(48.2857, 0.3135, 0.3619)$

Have a look what the booklet for
Yxy(48.2857, 0.3135, 0.3619)
contains.

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Color

Yxy(48.4498, 0.3136, 0.3628)

Conversions

Conversions Part 1

Format	Color
Hex	A9BFA6
RGB	169, 191, 166
RGB Percent	66%, 75%, 65%
CMY	0.3371, 0.2510, 0.3491
CMYK	0.12, 0.00, 0.13, 0.25
HSL	113°, 16%, 70%
HSV	113°, 13%, 75%
XYZ	41.8794, 48.4498, 43.2149
YIQ	181.5720, -5.0870, -12.4390

Conversions

Conversions Part 2

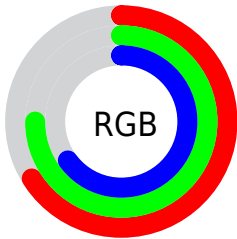
Format	Color
RYB	166, 191, 188
Decimal	11124646
CIELab	75.11, -12.23, 10.10
CIELCh	75, 15.866, 140.445
Yxy	48.4498, 0.3136, 0.3628
Android (android.graphics.Color)	4289314726 (0xFFA9BFA6)
YUV	181.5720, -7.6770, -11.0256
Hunter-Lab	69.6059, -14.4131, 11.9139

Details

The Yxy color **48.4498, 0.3136, 0.3628** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.7161, 0.3115, 0.2969**, and the grayscale version is **46.5819, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5893, 0.3134, 0.3562**, and **23.1738, 0.3139, 0.3738** is the 20% darker color. If you saturate the color by 10%, you get **46.0636, 0.3140, 0.3922**, and if you desaturate by 10%, it is **51.1824, 0.3129, 0.3365**.

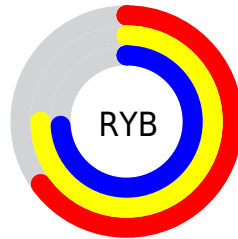
Distribution



Red (66%)

Green (75%)

Blue (65%)



Red (65%)

Yellow (75%)

Blue (74%)

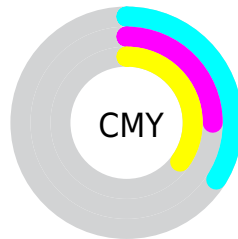


Cyan (12%)

Magenta (0%)

Yellow (13%)

Black (25%)



Cyan (34%)


Magenta (25%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4498, 0.3136, 0.3628 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 48.4498, 0.3136, 0.3628 by changing the saturation by 10% instead.

 48.4498, 0.3136,
0.3628


 48.4498, 0.3136,
0.3628


380.5723, 0.3133,
0.3457

 34.1832, 0.3136,
0.3672


 87.8737, 0.3135,
0.3565

 23.0344, 0.3136,
0.3728


 113.7999, 0.3135,
0.3542

 14.6189, 0.3135,
0.3804


144.3814, 0.3135,
0.3522

 8.5524, 0.3132,
0.3912

180.0025, 0.3134,
0.3505

 4.4504, 0.3126,
0.4076

221.0478, 0.3134,
0.3491

 1.9286, 0.3108,
0.4356

267.9016, 0.3134,

 0.5655, 0.2969,

0.3478

0.7031

320.9483, 0.3134,
0.3467

0.0000, 0.0000,
0.0000

48.4498, 0.3136,
0.3628

48.4498, 0.3136,
0.3628

46.0636, 0.3140,
0.3922

51.1824, 0.3129,
0.3365

44.0040, 0.3141,
0.4243

54.2680, 0.3122,
0.3133

42.2587, 0.3138,
0.4583

57.7208, 0.3113,
0.2931

40.8120, 0.3130,
0.4927

61.5523, 0.3104,
0.2755

39.6470, 0.3116,
0.5255

65.3486, 0.3141,
0.2660

■ 38.7452, 0.3096,
0.5542

■ 65.7409, 0.3157,
0.2663

■ 38.0857, 0.3072,
0.5767

■ 37.6443, 0.3046,
0.5913

■ 37.4456, 0.3030,
0.5976

Harmonies

Analogous

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



48.4498, 0.3350, 0.3678



48.4498, 0.3136, 0.3628



48.4498, 0.2925, 0.3477

Triad

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



48.4498, 0.3136, 0.3628



48.4498, 0.2757, 0.2959



48.4498, 0.3495, 0.3289

Complementary

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



48.4498, 0.3136, 0.3628



41.7161, 0.3115, 0.2969

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.



48.4498, 0.3326, 0.3112



48.4498, 0.3136, 0.3628



48.4498, 0.2899, 0.2924

Square

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



48.4498, 0.3136, 0.3628



48.4498, 0.2711, 0.3084



48.4498, 0.3106, 0.2981



48.4498, 0.3562, 0.3473

Rectangle

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



48.4498, 0.3136, 0.3628



48.4498, 0.2814, 0.3343



48.4498, 0.3106, 0.2981



48.4498, 0.3448, 0.3227

Sweetspot

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



48.4519, 0.3136, 0.3628



91.1683, 0.3130, 0.3389



49.6519, 0.3326, 0.3568



19.9340, 0.3131, 0.3408



97.7402, 0.3127, 0.3290



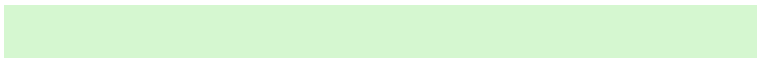
20.4902, 0.3127, 0.3290

Same Dimension

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



48.4519, 0.3136, 0.3628



85.3628, 0.3138, 0.3718



48.4681, 0.3044, 0.3503



10.7037, 0.3134, 0.3526



24.6285, 0.3035, 0.5972



0.9832, 0.3148, 0.5882

Inverse Universe

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



41.7161, 0.3115, 0.2969



70.7116, 0.3111, 0.2889



41.7149, 0.3221, 0.3086



9.6358, 0.3119, 0.3063



7.9510, 0.2908, 0.1376



0.3282, 0.2985, 0.1418

Previews

White Background



This preview shows how the Yxy color 48.4498, 0.3136, 0.3628 looks on a white background.

Color Contrast Check

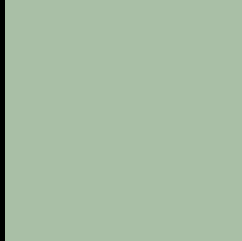
Large Text (above 18pt) WCAG AA × Fail

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 48.4498, 0.3136, 0.3628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

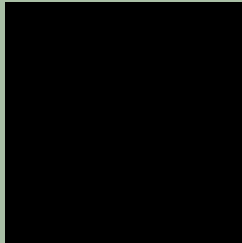
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

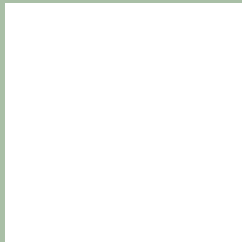
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.4498, 0.3136, 0.3628

Background



This preview shows how black text looks on a background with the Yxy color 48.4498, 0.3136, 0.3628.



This preview shows how white text looks on a background with the Yxy color 48.4498, 0.3136, 0.3628.

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

48.4498, 0.3136, 0.3628

Protanopia

48.2271, 0.3383, 0.3573

Deuteranopia

48.1153, 0.3471, 0.3402



Tritanopia

48.4488, 0.2927, 0.3097

Trichromacy



Original Color

48.4498, 0.3136, 0.3628

Protanomaly

48.3753, 0.3290, 0.3605

Deuteranomaly

48.1635, 0.3344, 0.3482

Tritanomaly

48.4815, 0.3006, 0.3290

Monochromacy



Original Color

48.4498, 0.3136, 0.3628

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.1796, 0.3130, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4498, 0.3136, 0.3628 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, 191, 166)` looks like.

```
.text, #text, p{  
    color:rgb(169, 191, 166)  
}
```

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, 191, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 191, 166) }
```

Border

The CSS property to change the border of an element to Yxy 48.4498, 0.3136, 0.3628 is called "border". The border property can be set on classes, ids or directly on the HTML element.

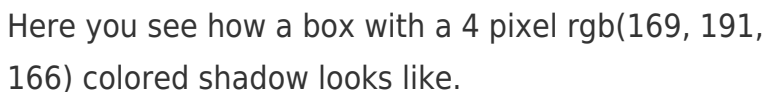
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 191, 166) }
```

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

```
.border{ border-color:rgb(169, 191, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 191, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 191, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 191, 166); box-shadow:4px 4px 4px 4px rgb(169, 191, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4498, 0.3136, 0.3628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 191, 166) }
```

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

```
.background{ background-color: rgb(169,  
191, 166) }
```

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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