

Converting Colors

$Yxy(48.8236, 0.3145, 0.3649)$

Have a look what the booklet for
Yxy(48.8236, 0.3145, 0.3649)
contains.

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Color

Yxy(48.8509, 0.3142, 0.3655)

Conversions

Conversions Part 1

Format	Color
Hex	A9C0A5
RGB	169, 192, 165
RGB Percent	66%, 75%, 65%
CMY	0.3375, 0.2470, 0.3530
CMYK	0.12, 0.00, 0.14, 0.25
HSL	111°, 18%, 70%
HSV	111°, 14%, 75%
XYZ	41.9944, 48.8509, 42.8097
YIQ	182.0450, -5.0410, -13.2730

Conversions

Conversions Part 2

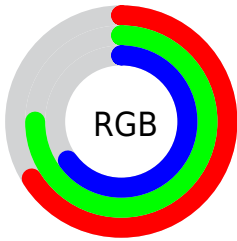
Format	Color
RYB	165, 192, 188
Decimal	11124901
CIELab	75.36, -12.97, 11.00
CIElCh	75, 17.001, 139.697
Yxy	48.8509, 0.3142, 0.3655
Android (android.graphics.Color)	4289314981 (0xFFA9C0A5)
YUV	182.0450, -8.4032, -11.4405
Hunter-Lab	69.8934, -15.0645, 12.6103

Details

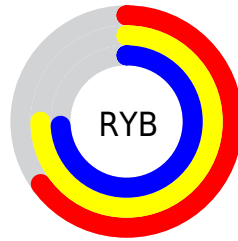
The Yxy color **48.8509, 0.3142, 0.3655** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.4144, 0.3108, 0.2943**, and the grayscale version is **46.8498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.1494, 0.3139, 0.3583**, and **23.4394, 0.3148, 0.3774** is the 20% darker color. If you saturate the color by 10%, you get **46.5053, 0.3150, 0.3951**, and if you desaturate by 10%, it is **51.5329, 0.3132, 0.3389**.

Distribution



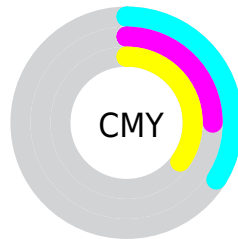
- Red (66%)
- Green (75%)
- Blue (65%)



- Red (65%)
- Yellow (75%)
- Blue (74%)



- Cyan (12%)
- Magenta (0%)
- Yellow (14%)
- Black (25%)





- Cyan (34%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.8509, 0.3142, 0.3655 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 48.8509, 0.3142, 0.3655 by changing the saturation by 10% instead.


 48.8509, 0.3142,
0.3655


 48.8509, 0.3142,
0.3655


382.1551, 0.3137,
0.3470

 34.5012, 0.3143,
0.3702


 88.4700, 0.3141,
0.3587

 23.2789, 0.3143,
0.3763


 114.5081, 0.3140,
0.3562

 14.7996, 0.3143,
0.3845


145.2113, 0.3139,
0.3540

 8.6789, 0.3141,
0.3961

180.9638, 0.3139,
0.3522

 4.5323, 0.3136,
0.4138

222.1500, 0.3138,
0.3507

 1.9756, 0.3118,
0.4439

269.1543, 0.3138,

 0.5932, 0.2942,

0.3493

0.7058

322.3612, 0.3137,
0.3481

0.0000, 0.0000,
0.0000

48.8509, 0.3142,
0.3655

48.8509, 0.3142,
0.3655

46.5053, 0.3150,
0.3951

51.5329, 0.3132,
0.3389

44.4769, 0.3154,
0.4272

54.5575, 0.3120,
0.3154

42.7537, 0.3154,
0.4611

57.9382, 0.3108,
0.2948

41.3210, 0.3147,
0.4952

61.6864, 0.3095,
0.2769

40.1623, 0.3133,
0.5275

65.4199, 0.3125,
0.2667

■ 39.2600, 0.3112,
0.5556

■ 66.1873, 0.3156,
0.2673

■ 38.5939, 0.3086,
0.5773

■ 38.1408, 0.3056,
0.5913

■ 37.9555, 0.3040,
0.5968

Harmonies

Analogous

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



48.8509, 0.3370, 0.3705



48.8509, 0.3142, 0.3655



48.8509, 0.2916, 0.3495

Triad

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



48.8509, 0.3142, 0.3655



48.8509, 0.2729, 0.2939



48.8509, 0.3517, 0.3284

Complementary

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



48.8509, 0.3142, 0.3655



41.4144, 0.3108, 0.2943

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.



48.8509, 0.3334, 0.3096



48.8509, 0.3142, 0.3655



48.8509, 0.2879, 0.2900

Square

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



48.8509, 0.3142, 0.3655



48.8509, 0.2683, 0.3074



48.8509, 0.3098, 0.2958



48.8509, 0.3592, 0.3480

Rectangle

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



48.8509, 0.3142, 0.3655



48.8509, 0.2796, 0.3352



48.8509, 0.3098, 0.2958



48.8509, 0.3466, 0.3218

Sweetspot

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



48.8530, 0.3142, 0.3655



93.3600, 0.3132, 0.3389



49.8766, 0.3342, 0.3584



19.9451, 0.3133, 0.3408



97.7402, 0.3127, 0.3290



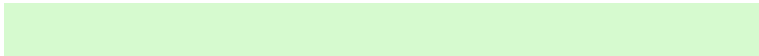
20.4902, 0.3127, 0.3290

Same Dimension

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



48.8530, 0.3142, 0.3655



87.0754, 0.3145, 0.3746



48.7797, 0.3041, 0.3527



11.3280, 0.3137, 0.3526



25.5557, 0.3045, 0.5964



1.1274, 0.3168, 0.5867

Inverse Universe

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



41.4144, 0.3108, 0.2943



70.9005, 0.3102, 0.2862



41.5177, 0.3225, 0.3064



10.1705, 0.3115, 0.3061



7.8916, 0.2846, 0.1341



0.3618, 0.2932, 0.1389

Previews

White Background



This preview shows how the Yxy color 48.8509, 0.3142, 0.3655 looks on a white background.

Color Contrast Check

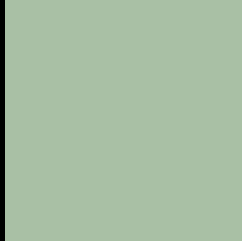
Large Text (above 18pt) WCAG AA × Fail

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 48.8509, 0.3142, 0.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

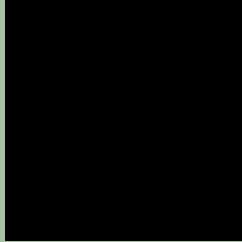
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.8509, 0.3142, 0.3655

Background



This preview shows how black text looks on a background with the Yxy color 48.8509, 0.3142, 0.3655.



This preview shows how white text looks on a background with the Yxy color 48.8509, 0.3142, 0.3655.

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

48.8509, 0.3142, 0.3655

Protanopia

48.7405, 0.3398, 0.3598

Deuteranopia

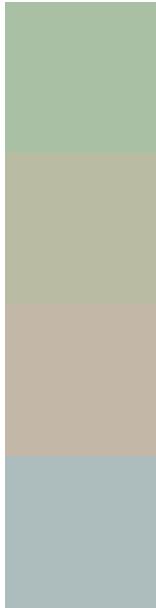
48.7690, 0.3496, 0.3425



Tritanopia

48.9189, 0.2920, 0.3098

Trichromacy



Original Color

48.8509, 0.3142, 0.3655

Protanomaly

48.8894, 0.3305, 0.3630

Deuteranomaly

48.6731, 0.3359, 0.3507

Tritanomaly

48.9536, 0.2998, 0.3290

Monochromacy



Original Color

48.8509, 0.3142, 0.3655

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.5995, 0.3129, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8509, 0.3142, 0.3655 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, 192, 165)` looks like.

```
.text, #text, p{  
    color:rgb(169, 192, 165)  
}
```

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, 192, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 192, 165) }
```

Border

The CSS property to change the border of an element to Yxy 48.8509, 0.3142, 0.3655 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, 192, 165) }
```

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

```
.border{ border-color:rgb(169, 192, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 192, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 192, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 192, 165);  
box-shadow:4px 4px 4px 4px rgb(169, 192,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 48.8509, 0.3142, 0.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 192, 165) }
```

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

```
.background{ background-color: rgb(169,  
192, 165) }
```

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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