

Converting Colors

$Yxy(48.4835, 0.3110, 0.3665)$

Have a look what the booklet for
Yxy(48.4835, 0.3110, 0.3665)
contains.

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Color

Yxy(48.4152, 0.3110, 0.3658)

Conversions

Conversions Part 1

Format	Color
Hex	A5C0A5
RGB	165, 192, 165
RGB Percent	65%, 75%, 65%
CMY	0.3529, 0.2471, 0.3529
CMYK	0.14, 0.00, 0.14, 0.25
HSL	120°, 18%, 70%
HSV	120°, 14%, 75%
XYZ	41.1622, 48.4152, 42.7769
YIQ	180.8490, -7.4250, -14.1210

Conversions

Conversions Part 2

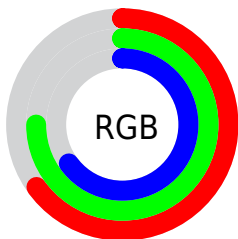
Format	Color
RYB	165, 192, 192
Decimal	10862757
CIELab	75.09, -14.32, 10.56
CIELCh	75, 17.798, 143.589
Yxy	48.4152, 0.3110, 0.3658
Android (android.graphics.Color)	4289052837 (0xFFA5C0A5)
YUV	180.8490, -7.8136, -13.8996
Hunter-Lab	69.5810, -16.1712, 12.2565

Details

The Yxy color **48.4152, 0.3110, 0.3658** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.9241, 0.3143, 0.2948**, and the grayscale version is **46.1718, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5178, 0.3113, 0.3585**, and **22.8799, 0.3105, 0.3763** is the 20% darker color. If you saturate the color by 10%, you get **45.8636, 0.3096, 0.3961**, and if you desaturate by 10%, it is **51.3847, 0.3123, 0.3389**.

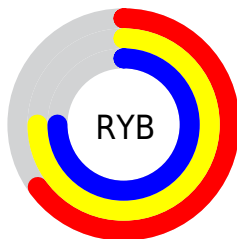
Distribution



Red (65%)

Green (75%)

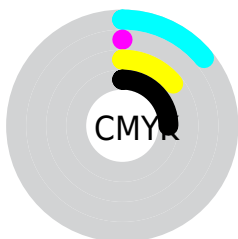
Blue (65%)



Red (65%)

Yellow (75%)

Blue (75%)

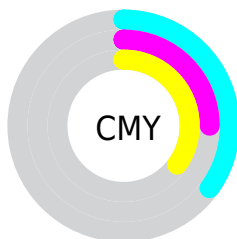


Cyan (14%)

Magenta (0%)

Yellow (14%)

Black (25%)



Cyan (35%)


Magenta (25%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4152, 0.3110, 0.3658 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 48.4152, 0.3110, 0.3658 by changing the saturation by 10% instead.


 48.4152, 0.3110,
0.3658

 48.4152, 0.3110,
0.3658


380.4355, 0.3121,
0.3471

 34.1558, 0.3107,
0.3706


 87.8223, 0.3114,
0.3589

 23.0133, 0.3102,
0.3768


 113.7387, 0.3116,
0.3564

 14.6033, 0.3095,
0.3851


144.3097, 0.3117,
0.3542

 8.5415, 0.3084,
0.3970

179.9195, 0.3118,
0.3524

 4.4433, 0.3064,
0.4152

220.9526, 0.3119,
0.3508

 1.9245, 0.3022,
0.4463

267.7934, 0.3120,

 0.5631, 0.2478,

0.3494

0.7522

320.8262, 0.3120,
0.3482

0.0000, 0.0000,
0.0000

48.4152, 0.3110,
0.3658

48.4152, 0.3110,
0.3658

45.8636, 0.3096,
0.3961

51.3847, 0.3123,
0.3389

43.7052, 0.3080,
0.4294

54.7832, 0.3133,
0.3155

41.9225, 0.3064,
0.4647

58.6288, 0.3143,
0.2952

40.4940, 0.3047,
0.5002

62.9371, 0.3151,
0.2778

39.3961, 0.3031,
0.5336

66.1785, 0.3156,
0.2673

■ 38.6022, 0.3018,
0.5620

■ 38.0819, 0.3008,
0.5831

■ 37.7982, 0.3002,
0.5955

■ 37.6991, 0.3000,
0.6000

Harmonies

Analogous

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



48.4152, 0.3353, 0.3727



48.4152, 0.3110, 0.3658



48.4152, 0.2878, 0.3477

Triad

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



48.4152, 0.3110, 0.3658



48.4152, 0.2725, 0.2911



48.4152, 0.3555, 0.3310

Complementary

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



48.4152, 0.3110, 0.3658



41.9241, 0.3143, 0.2948

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.



48.4152, 0.3374, 0.3110



48.4152, 0.3110, 0.3658



48.4152, 0.2893, 0.2884

Square

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



48.4152, 0.3110, 0.3658



48.4152, 0.2662, 0.3039



48.4152, 0.3129, 0.2957



48.4152, 0.3616, 0.3513

Rectangle

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



48.4152, 0.3110, 0.3658



48.4152, 0.2760, 0.3324



48.4152, 0.3129, 0.2957



48.4152, 0.3505, 0.3241

Sweetspot

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



48.4173, 0.3110, 0.3658



93.1040, 0.3123, 0.3389



51.4245, 0.3336, 0.3628



19.8805, 0.3122, 0.3409



97.7402, 0.3127, 0.3290



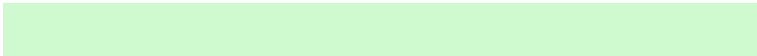
20.4902, 0.3127, 0.3290

Same Dimension

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



48.4173, 0.3110, 0.3658



86.1630, 0.3106, 0.3752



48.9154, 0.3015, 0.3477



11.2591, 0.3116, 0.3528



25.3681, 0.3000, 0.6000



1.0962, 0.3001, 0.6000

Inverse Universe

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



41.9241, 0.3143, 0.2948



72.0256, 0.3147, 0.2868



41.3729, 0.3257, 0.3110



10.2473, 0.3138, 0.3063



10.0936, 0.3208, 0.1541



0.4362, 0.3208, 0.1541

Previews

White Background



This preview shows how the Yxy color 48.4152, 0.3110, 0.3658 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 48.4152, 0.3110, 0.3658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

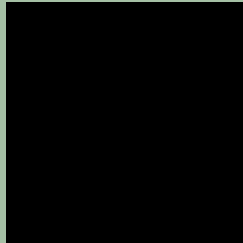
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.4152, 0.3110, 0.3658

Background



This preview shows how black text looks on a background with the Yxy color 48.4152, 0.3110, 0.3658.

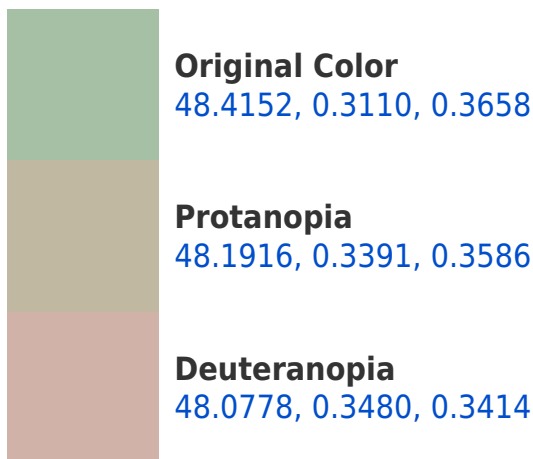


This preview shows how white text looks on a background with the Yxy color 48.4152, 0.3110, 0.3658.

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

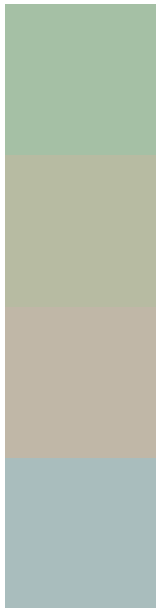




Tritanopia

48.4628, 0.2889, 0.3096

Trichromacy



Original Color

48.4152, 0.3110, 0.3658

Protanomaly

48.2166, 0.3289, 0.3619

Deuteranomaly

47.8635, 0.3334, 0.3496

Tritanomaly

48.5043, 0.2967, 0.3290

Monochromacy



Original Color

48.4152, 0.3110, 0.3658

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.9070, 0.3121, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4152, 0.3110, 0.3658 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(165, 192, 165)` looks like.

```
.text, #text, p{  
    color:rgb(165, 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(165, 192, 165) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 48.4152, 0.3110, 0.3658 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(165, 192, 165) }
```

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

```
.border{ border-color:rgb(165, 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(165, 192, 165)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 48.4152, 0.3110, 0.3658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(165,  
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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