

Converting Colors

$Yxy(60.4787, 0.3255, 0.4135)$

Have a look what the booklet for
Yxy(60.4787, 0.3255, 0.4135)
contains.

Yxy(60.3124, 0.3259, 0.4136)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(60.3124, 0.3259, 0.4136)

Conversions

Conversions Part 1

Format	Color
Hex	AED896
RGB	174, 216, 150
RGB Percent	68%, 85%, 59%
CMY	0.3175, 0.1530, 0.4118
CMYK	0.19, 0.00, 0.31, 0.15
HSL	98°, 46%, 72%
HSV	98°, 31%, 85%
XYZ	47.5237, 60.3124, 37.9869
YIQ	195.9180, -3.8460, -29.4300

Conversions

Conversions Part 2

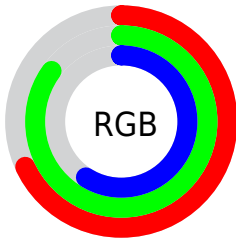
Format	Color
RYB	150, 216, 192
Decimal	11458710
CIELab	82.01, -25.60, 28.18
CIElCh	82, 38.072, 132.245
Yxy	60.3124, 0.3259, 0.4136
Android (android.graphics.Color)	4289648790 (0xFFAED896)
YUV	195.9180, -22.6376, -19.2221
Hunter-Lab	77.6611, -26.6760, 25.3618

Details

The Yxy color **60.3124, 0.3259, 0.4136** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.9665, 0.2944, 0.2483**, and the grayscale version is **55.2962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7508, 0.3259, 0.3807**, and **30.3837, 0.3268, 0.4366** is the 20% darker color. If you saturate the color by 10%, you get **58.1846, 0.3292, 0.4450**, and if you desaturate by 10%, it is **62.7348, 0.3219, 0.3836**.

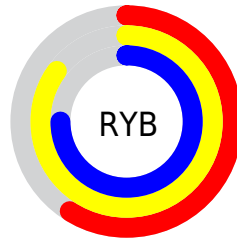
Distribution



Red (68%)

Green (85%)

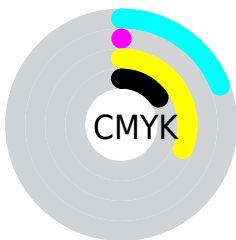
Blue (59%)



Red (59%)

Yellow (85%)

Blue (75%)

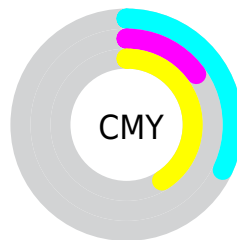


Cyan (19%)

Magenta (0%)

Yellow (31%)

Black (15%)



Cyan (32%)


Magenta (15%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3124, 0.3259, 0.4136 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 60.3124, 0.3259, 0.4136 by changing the saturation by 10% instead.


 60.3124, 0.3259,
0.4136


 60.3124, 0.3259,
0.4136


425.7483, 0.3207,
0.3715

 43.6705, 0.3268,
0.4240


 105.2827, 0.3243,
0.3984

 30.4115, 0.3277,
0.4372


 134.3799, 0.3236,
0.3926

 20.1512, 0.3285,
0.4546


168.3976, 0.3230,
0.3878

 12.5050, 0.3288,
0.4783

207.7203, 0.3224,
0.3836

 7.0886, 0.3277,
0.5123

252.7323, 0.3219,
0.3799

 3.5176, 0.3235,
0.5666

303.8181, 0.3215,

 1.4075, 0.3121,

0.3768

0.6879

361.3619, 0.3210,
0.3740

0.2223, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.3124, 0.3259,
0.4136

60.3124, 0.3259,
0.4136

58.1846, 0.3292,
0.4450

62.7348, 0.3219,
0.3836

56.3318, 0.3314,
0.4768

65.4551, 0.3175,
0.3557


54.7437, 0.3323,
0.5073


68.4865, 0.3130,
0.3303

53.4064, 0.3314,
0.5348

71.8388, 0.3084,
0.3075

 52.3044, 0.3288,
0.5576

 75.3275, 0.3059,
0.2900

 51.4201, 0.3245,
0.5741

 77.5890, 0.3145,
0.2910

 50.7594, 0.3196,
0.5844

Harmonies

Analogous

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



60.3124, 0.3717, 0.4144



60.3124, 0.3259, 0.4136



60.3124, 0.2787, 0.3838

Triad

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



60.3124, 0.3259, 0.4136



60.3124, 0.2286, 0.2614



60.3124, 0.3869, 0.3160

Complementary

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



60.3124, 0.3259, 0.4136



37.9665, 0.2944, 0.2483

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.



60.3124, 0.3432, 0.2820



60.3124, 0.3259, 0.4136



60.3124, 0.2525, 0.2510

Square

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



60.3124, 0.3259, 0.4136



60.3124, 0.2249, 0.2911



60.3124, 0.2935, 0.2588



60.3124, 0.4093, 0.3548

Rectangle

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



60.3124, 0.3259, 0.4136



60.3124, 0.2527, 0.3529



60.3124, 0.2935, 0.2588



60.3124, 0.3740, 0.3038

Sweetspot

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



60.3150, 0.3259, 0.4136



95.9469, 0.3169, 0.3518



54.4088, 0.3664, 0.3789



20.4040, 0.3175, 0.3557



0.0000, 0.0000, 0.0000



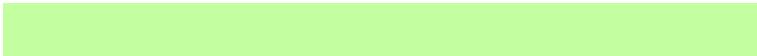
21.4041, 0.3127, 0.3290

Same Dimension

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



60.3150, 0.3259, 0.4136



85.6880, 0.3282, 0.4348



58.0884, 0.3031, 0.4060



14.1141, 0.3170, 0.3527



30.1020, 0.3206, 0.5836



1.8617, 0.3344, 0.5727

Inverse Universe

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



37.9665, 0.2944, 0.2483



47.8990, 0.2892, 0.2292



40.9230, 0.3241, 0.2626



12.3959, 0.3080, 0.3056



6.1592, 0.2316, 0.1050



0.4176, 0.2471, 0.1135

Previews

White Background



This preview shows how the Yxy color 60.3124, 0.3259, 0.4136 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 60.3124, 0.3259, 0.4136 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 60.3124, 0.3259, 0.4136

Background



This preview shows how black text looks on a background with the Yxy color 60.3124, 0.3259, 0.4136.



This preview shows how white text looks on a background with the Yxy color 60.3124, 0.3259, 0.4136.

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

60.3124, 0.3259, 0.4136

Protanopia

59.7856, 0.3697, 0.3976

Deuteranopia

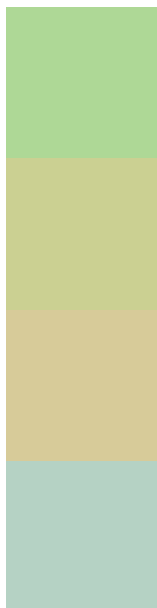
59.7140, 0.3820, 0.3743



Tritanopia

60.2676, 0.2862, 0.3100

Trichromacy



Original Color

60.3124, 0.3259, 0.4136

Protanomaly

59.8836, 0.3533, 0.4039

Deuteranomaly

59.4589, 0.3596, 0.3879

Tritanomaly

59.9025, 0.3009, 0.3462

Monochromacy



Original Color

60.3124, 0.3259, 0.4136

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.6579, 0.3183, 0.3590

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3124, 0.3259, 0.4136 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(174, 216, 150)` looks like.

```
.text, #text, p{  
    color:rgb(174, 216, 150)  
}
```

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(174, 216, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 216, 150) }
```

Border

The CSS property to change the border of an element to Yxy 60.3124, 0.3259, 0.4136 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(174, 216, 150) }
```

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

```
.border{ border-color:rgb(174, 216, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 216, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 216, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 216, 150);  
box-shadow:4px 4px 4px 4px rgb(174, 216,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3124, 0.3259, 0.4136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 216, 150) }
```

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

```
.background{ background-color: rgb(174,  
216, 150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor