

Converting Colors

Yxy(62.4427, 0.3541, 0.4056)

Have a look what the booklet for
Yxy(62.4427, 0.3541, 0.4056)
contains.

Yxy(62.4905, 0.3540, 0.4050)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.4905, 0.3540, 0.4050)

Conversions

Conversions Part 1

Format	Color
Hex	CFD494
RGB	207, 212, 148
RGB Percent	81%, 83%, 58%
CMY	0.1882, 0.1686, 0.4197
CMYK	0.02, 0.00, 0.30, 0.17
HSL	65°, 43%, 71%
HSV	65°, 30%, 83%
XYZ	54.6213, 62.4905, 37.1857
YIQ	203.2090, 17.5640, -20.9640

Conversions

Conversions Part 2

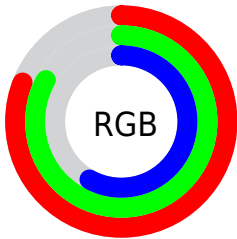
Format	Color
RYB	148, 212, 153
Decimal	13620372
CIELab	83.17, -11.77, 31.19
CIELCh	83, 33.339, 110.681
Yxy	62.4905, 0.3540, 0.4050
Android (android.graphics.Color)	4291810452 (0xFFCFD494)
YUV	203.2090, -27.2180, 3.3247
Hunter-Lab	79.0509, -15.0021, 27.4455

Details

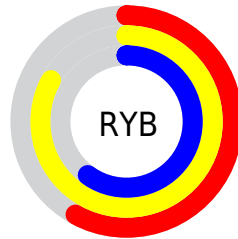
The Yxy color **62.4905, 0.3540, 0.4050** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.6916, 0.2637, 0.2421**, and the grayscale version is **60.0262, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0918, 0.3436, 0.3800**, and **31.6524, 0.3631, 0.4231** is the 20% darker color. If you saturate the color by 10%, you get **61.6457, 0.3670, 0.4299**, and if you desaturate by 10%, it is **63.4664, 0.3403, 0.3795**.

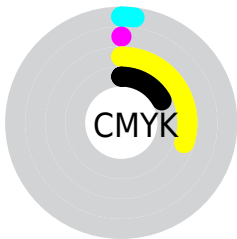
Distribution



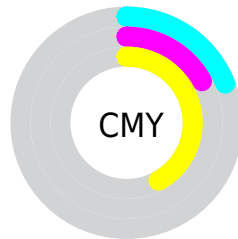
- Red (81%)
- Green (83%)
- Blue (58%)



- Red (58%)
- Yellow (83%)
- Blue (60%)



- Cyan (2%)
- Magenta (0%)
- Yellow (30%)
- Black (17%)




- Cyan (19%)
- Magenta (17%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.4905, 0.3540, 0.4050 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 62.4905, 0.3540, 0.4050 by changing the saturation by 10% instead.


 62.4905, 0.3540,
0.4050

 62.4905, 0.3540,
0.4050


433.7180, 0.3351,
0.3683

 45.4292, 0.3582,
0.4137


 108.4341, 0.3475,
0.3920

 31.7956, 0.3632,
0.4245


 138.0852, 0.3450,
0.3870

 21.2054, 0.3693,
0.4385


172.7016, 0.3428,
0.3828

 13.2742, 0.3768,
0.4568

212.6678, 0.3409,
0.3791

 7.6177, 0.3858,
0.4818

258.3682, 0.3392,
0.3759

 3.8513, 0.3976,
0.5197

310.1870, 0.3377,

 1.5907, 0.4144,

0.3730

0.5856

368.5089, 0.3363,
0.3705

0.3513, 0.1169,
0.8831

0.0000, 0.0000,
0.0000

62.4905, 0.3540,
0.4050

62.4905, 0.3540,
0.4050

61.6457, 0.3670,
0.4299

63.4664, 0.3403,
0.3795

60.9167, 0.3789,
0.4531


64.5711, 0.3265,
0.3541


60.2991, 0.3890,
0.4736

65.8133, 0.3130,
0.3295


59.7846, 0.3969,
0.4905


67.1984, 0.3000,
0.3062

 59.3639, 0.4023,
0.5033


 68.7315, 0.2878,
0.2845


 59.0258, 0.4050,
0.5116

 69.0496, 0.2883,
0.2836

 58.7551, 0.4056,
0.5161

 69.3040, 0.2894,
0.2837

 69.5609, 0.2905,
0.2839

 69.8204, 0.2916,
0.2840

Harmonies

Analogous

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



62.4905, 0.3855, 0.3906



62.4905, 0.3540, 0.4050



62.4905, 0.3127, 0.3966

Triad

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



62.4905, 0.3540, 0.4050



62.4905, 0.2349, 0.2877



62.4905, 0.3510, 0.2956

Complementary

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



62.4905, 0.3540, 0.4050



32.6916, 0.2637, 0.2421

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.



62.4905, 0.3081, 0.2719



62.4905, 0.3540, 0.4050



62.4905, 0.2433, 0.2659

Square

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



62.4905, 0.3540, 0.4050



62.4905, 0.2453, 0.3240



62.4905, 0.2692, 0.2610



62.4905, 0.3846, 0.3275

Rectangle

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



62.4905, 0.3540, 0.4050



62.4905, 0.2855, 0.3778



62.4905, 0.2692, 0.2610



62.4905, 0.3370, 0.2866

Sweetspot

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



62.4933, 0.3540, 0.4050



98.2713, 0.3250, 0.3513



38.6681, 0.3786, 0.3345



20.9778, 0.3270, 0.3550



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.



62.4933, 0.3540, 0.4050



94.0996, 0.3622, 0.4205



58.4232, 0.3291, 0.4115



14.4684, 0.3255, 0.3521



36.2910, 0.4058, 0.5160



2.2039, 0.4083, 0.5140

Inverse Universe

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



32.6916, 0.2637, 0.2421



42.0712, 0.2516, 0.2213



36.1452, 0.2907, 0.2485



12.0545, 0.2993, 0.3050



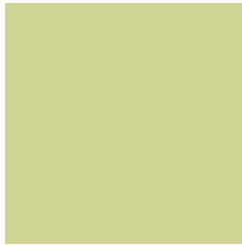
3.0225, 0.1527, 0.0615



0.1988, 0.1608, 0.0659

Previews

White Background



This preview shows how the Yxy color 62.4905, 0.3540, 0.4050 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 62.4905, 0.3540, 0.4050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

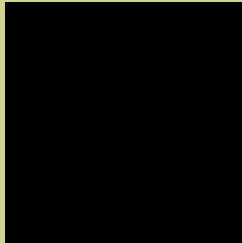
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

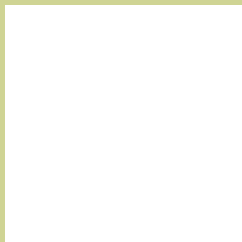
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.4905, 0.3540, 0.4050

Background



This preview shows how black text looks on a background with the Yxy color 62.4905, 0.3540, 0.4050.



This preview shows how white text looks on a background with the Yxy color 62.4905, 0.3540, 0.4050.

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

62.4905, 0.3540, 0.4050

Protanopia

62.3889, 0.3702, 0.3986

Deuteranopia

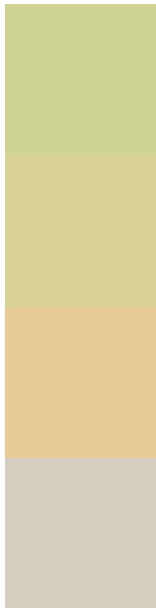
62.0350, 0.3883, 0.3797



Tritanopia

62.4253, 0.3113, 0.3111

Trichromacy



Original Color

62.4905, 0.3540, 0.4050

Protanomaly

62.4592, 0.3638, 0.4009

Deuteranomaly

61.9028, 0.3753, 0.3884

Tritanomaly

62.1390, 0.3274, 0.3441

Monochromacy



Original Color

62.4905, 0.3540, 0.4050

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.3989, 0.3276, 0.3564

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4905, 0.3540, 0.4050 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(207, 212, 148)` looks like.

```
.text, #text, p{  
    color:rgb(207, 212, 148)  
}
```

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(207, 212, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 212, 148) }
```

Border

The CSS property to change the border of an element to Yxy 62.4905, 0.3540, 0.4050 is called "border". The border property can be set on classes, ids or directly on the HTML element.

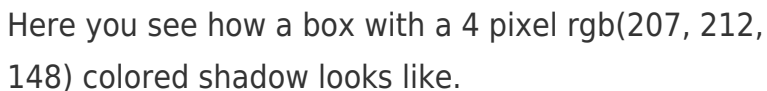
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 212, 148) }
```

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

```
.border{ border-color:rgb(207, 212, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 212, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 212, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 212, 148); box-shadow:4px 4px 4px 4px rgb(207, 212, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4905, 0.3540, 0.4050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 212, 148) }
```

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

```
.background{ background-color: rgb(207,  
212, 148) }
```

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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