

Converting Colors

$Yxy(65.5490, 0.3434, 0.4052)$

Have a look what the booklet for
Yxy(65.5490, 0.3434, 0.4052)
contains.

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Color

Yxy(65.5862, 0.3434, 0.4050)

Conversions

Conversions Part 1

Format	Color
Hex	CADB9B
RGB	202, 219, 155
RGB Percent	79%, 86%, 61%
CMY	0.2077, 0.1412, 0.3921
CMYK	0.08, 0.00, 0.29, 0.14
HSL	76°, 47%, 73%
HSV	76°, 29%, 86%
XYZ	55.6106, 65.5862, 40.7444
YIQ	206.6210, 10.4120, -23.5080

Conversions

Conversions Part 2

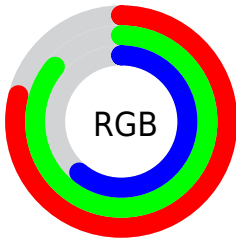
Format	Color
RYB	155, 219, 172
Decimal	13294491
CIELab	84.78, -16.22, 29.64
CIELCh	85, 33.794, 118.693
Yxy	65.5862, 0.3434, 0.4050
Android (android.graphics.Color)	4291484571 (0xFFCADB9B)
YUV	206.6210, -25.4492, -4.0526
Hunter-Lab	80.9853, -19.1527, 26.8604

Details

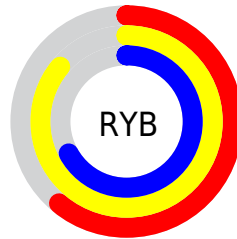
The Yxy color **65.5862, 0.3434, 0.4050** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.3315, 0.2752, 0.2474**, and the grayscale version is **62.3065, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4331, 0.3394, 0.3731**, and **33.7332, 0.3497, 0.4250** is the 20% darker color. If you saturate the color by 10%, you get **64.1233, 0.3531, 0.4322**, and if you desaturate by 10%, it is **67.2189, 0.3330, 0.3780**.

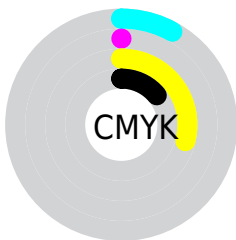
Distribution



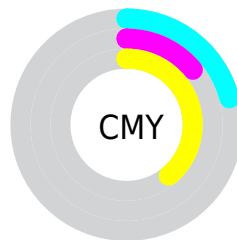
- Red (79%)
- Green (86%)
- Blue (61%)



- Red (61%)
- Yellow (86%)
- Blue (67%)



- Cyan (8%)
- Magenta (0%)
- Yellow (29%)
- Black (14%)




- Cyan (21%)
- Magenta (14%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.5862, 0.3434, 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 65.5862, 0.3434, 0.4050 by changing the saturation by 10% instead.

 65.5862, 0.3434,
0.4050

 65.5862, 0.3434,
0.4050


444.8955, 0.3297,
0.3683

 47.9366, 0.3463,
0.4137


 112.8922, 0.3388,
0.3920

 33.7767, 0.3498,
0.4247


 143.3174, 0.3370,
0.3870

 22.7221, 0.3540,
0.4387


178.7699, 0.3354,
0.3827

 14.3884, 0.3589,
0.4574

219.6340, 0.3340,
0.3790

 8.3913, 0.3645,
0.4832

266.2943, 0.3327,
0.3758

 4.3463, 0.3700,
0.5205


319.1350, 0.3316,

 1.8691, 0.3912,


0.3730

0.6088


378.5406, 0.3306,
0.3705


 0.5297, 0.1686,
0.8314


 0.0000, 0.0000,
0.0000


 65.5862, 0.3434,
0.4050

 65.5862, 0.3434,
0.4050


 64.1233, 0.3531,
0.4322


 67.2189, 0.3330,
0.3780


 62.8138, 0.3617,
0.4586


 69.0197, 0.3224,
0.3518

 61.6526, 0.3686,
0.4830


 70.9979, 0.3119,
0.3271

 60.6304, 0.3734,
0.5042


 73.1599, 0.3018,
0.3042

 59.7369, 0.3757,
0.5214

 74.8833, 0.2980,
0.2922

 58.9599, 0.3754,
0.5338


 75.8666, 0.3019,
0.2926

 58.2798, 0.3729,
0.5418

 76.8823, 0.3059,
0.2931

 58.2287, 0.3726,
0.5423

 77.9307, 0.3099,
0.2935

 79.0121, 0.3139,
0.2940

Harmonies

Analogous

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



65.5862, 0.3785, 0.3961



65.5862, 0.3434, 0.4050



65.5862, 0.3016, 0.3900

Triad

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



65.5862, 0.3434, 0.4050



65.5862, 0.2355, 0.2804



65.5862, 0.3613, 0.3036

Complementary

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



65.5862, 0.3434, 0.4050



37.3315, 0.2752, 0.2474

Split Complementary

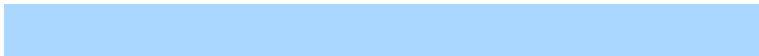
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.5862, 0.3197, 0.2773



65.5862, 0.3434, 0.4050



65.5862, 0.2487, 0.2631

Square

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



65.5862, 0.3434, 0.4050



65.5862, 0.2409, 0.3133



65.5862, 0.2787, 0.2626



65.5862, 0.3901, 0.3367

Rectangle

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



65.5862, 0.3434, 0.4050



65.5862, 0.2756, 0.3679



65.5862, 0.2787, 0.2626



65.5862, 0.3482, 0.2938

Sweetspot

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



65.5891, 0.3434, 0.4050



97.4725, 0.3222, 0.3515



46.5568, 0.3719, 0.3484



20.7799, 0.3238, 0.3552



0.0000, 0.0000, 0.0000



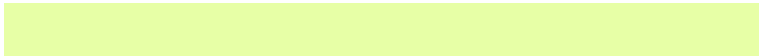
21.4041, 0.3127, 0.3290

Same Dimension

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



65.5891, 0.3434, 0.4050



91.3066, 0.3494, 0.4216



61.6884, 0.3200, 0.4109



15.0811, 0.3226, 0.3524



34.5834, 0.3733, 0.5418



2.2816, 0.3811, 0.5356

Inverse Universe

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



37.3315, 0.2752, 0.2474



45.2752, 0.2656, 0.2280



41.2589, 0.3019, 0.2535



12.7834, 0.3022, 0.3051



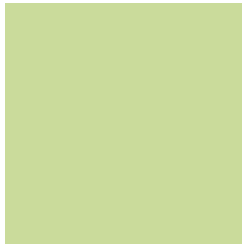
3.6135, 0.1665, 0.0691



0.2759, 0.1836, 0.0785

Previews

White Background



This preview shows how the Yxy color 65.5862, 0.3434, 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 65.5862, 0.3434, 0.4050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

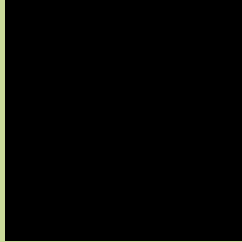
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.5862, 0.3434, 0.4050

Background



This preview shows how black text looks on a background with the Yxy color 65.5862, 0.3434, 0.4050.



This preview shows how white text looks on a background with the Yxy color 65.5862, 0.3434, 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

65.5862, 0.3434, 0.4050

Protanopia

65.3495, 0.3685, 0.3951

Deuteranopia

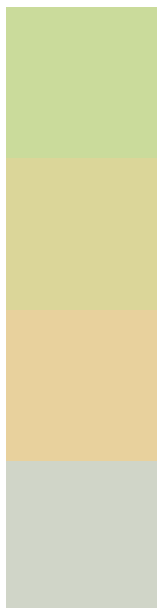
65.3202, 0.3841, 0.3768



Tritanopia

65.5812, 0.3033, 0.3112

Trichromacy



Original Color

65.5862, 0.3434, 0.4050

Protanomaly

65.4531, 0.3595, 0.3988

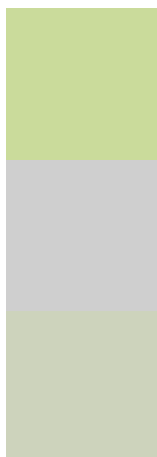
Deuteranomaly

65.1911, 0.3688, 0.3868

Tritanomaly

65.1685, 0.3179, 0.3440

Monochromacy



Original Color

65.5862, 0.3434, 0.4050

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.1985, 0.3242, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5862, 0.3434, 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(202, 219, 155)` looks like.

```
.text, #text, p{  
    color:rgb(202, 219, 155)  
}
```

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(202, 219, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 219, 155) }
```

Border

The CSS property to change the border of an element to Yxy 65.5862, 0.3434, 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(202, 219, 155) }
```

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

```
.border{ border-color:rgb(202, 219, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 219, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 219, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 219, 155);  
box-shadow:4px 4px 4px 4px rgb(202, 219,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5862, 0.3434, 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(202, 219, 155) }
```

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

```
.background{ background-color: rgb(202,  
219, 155) }
```

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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