

Converting Colors

Yxy(64.8966, 0.3444, 0.4090)

Have a look what the booklet for
Yxy(64.8966, 0.3444, 0.4090)
contains.

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Color

Yxy(64.6565, 0.3447, 0.4092)

Conversions

Conversions Part 1

Format	Color
Hex	C8DA97
RGB	200, 218, 151
RGB Percent	78%, 85%, 59%
CMY	0.2159, 0.1450, 0.4079
CMYK	0.08, 0.00, 0.31, 0.15
HSL	76°, 48%, 72%
HSV	76°, 31%, 85%
XYZ	54.4650, 64.6565, 38.8855
YIQ	204.9800, 10.7790, -24.6530

Conversions

Conversions Part 2

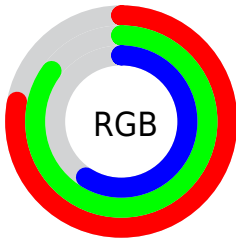
Format	Color
RYB	151, 218, 169
Decimal	13163159
CIELab	84.31, -17.05, 31.05
CIElCh	84, 35.421, 118.781
Yxy	64.6565, 0.3447, 0.4092
Android (android.graphics.Color)	4291353239 (0xFFC8DA97)
YUV	204.9800, -26.6121, -4.3675
Hunter-Lab	80.4093, -19.8096, 27.6141

Details

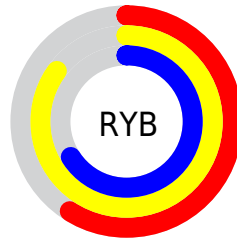
The Yxy color **64.6565, 0.3447, 0.4092** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.6388, 0.2731, 0.2427**, and the grayscale version is **61.2001, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2362, 0.3418, 0.3770**, and **33.1150, 0.3514, 0.4306** is the 20% darker color. If you saturate the color by 10%, you get **63.2213, 0.3542, 0.4364**, and if you desaturate by 10%, it is **66.2595, 0.3345, 0.3821**.

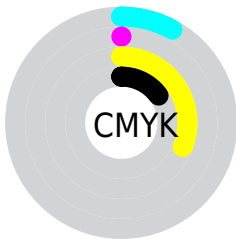
Distribution



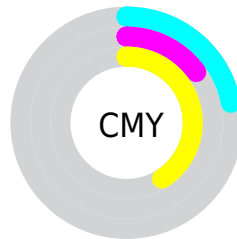
- Red (78%)
- Green (85%)
- Blue (59%)



- Red (59%)
- Yellow (85%)
- Blue (66%)



- Cyan (8%)
- Magenta (0%)
- Yellow (31%)
- Black (15%)





- Cyan (22%)
- Magenta (15%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.6565, 0.3447, 0.4092 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 64.6565, 0.3447, 0.4092 by changing the saturation by 10% instead.


 64.6565, 0.3447,
0.4092


 64.6565, 0.3447,
0.4092


441.5566, 0.3305,
0.3703

 47.1826, 0.3477,
0.4185


 111.5559, 0.3399,
0.3954

 33.1800, 0.3513,
0.4301


 141.7501, 0.3380,
0.3901

 22.2644, 0.3555,
0.4450


176.9533, 0.3364,
0.3856

 14.0513, 0.3605,
0.4649

217.5498, 0.3349,
0.3817

 8.1564, 0.3659,
0.4922

263.9239, 0.3336,
0.3783

 4.1952, 0.3712,
0.5324

316.4602, 0.3324,

 1.7833, 0.3845,

0.3753

0.6155

375.5429, 0.3314,
0.3727

0.4767, 0.0717,
0.9283

0.0000, 0.0000,
0.0000

64.6565, 0.3447,
0.4092

64.6565, 0.3447,
0.4092

63.2213, 0.3542,
0.4364

66.2595, 0.3345,
0.3821

61.9379, 0.3625,
0.4626


68.0288, 0.3239,
0.3557

60.8007, 0.3690,
0.4867


69.9738, 0.3135,
0.3308


59.8006, 0.3734,
0.5075


72.1007, 0.3033,
0.3076


 58.9270, 0.3752,
0.5240

 74.0885, 0.2968,
0.2910


 58.1676, 0.3744,
0.5357

 75.0743, 0.3008,
0.2915

 57.5465, 0.3719,
0.5429

 76.0931, 0.3048,
0.2919

 77.1454, 0.3088,
0.2924

 78.2314, 0.3129,
0.2929

Harmonies

Analogous

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



64.6565, 0.3817, 0.3995



64.6565, 0.3447, 0.4092



64.6565, 0.3007, 0.3934

Triad

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



64.6565, 0.3447, 0.4092



64.6565, 0.2317, 0.2777



64.6565, 0.3640, 0.3024

Complementary

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



64.6565, 0.3447, 0.4092



35.6388, 0.2731, 0.2427

Split Complementary

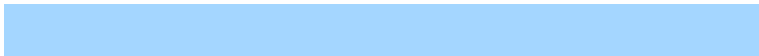
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.6565, 0.3201, 0.2749



64.6565, 0.3447, 0.4092



64.6565, 0.2456, 0.2598

Square

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



64.6565, 0.3447, 0.4092



64.6565, 0.2372, 0.3121



64.6565, 0.2770, 0.2595



64.6565, 0.3943, 0.3370

Rectangle

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



64.6565, 0.3447, 0.4092



64.6565, 0.2735, 0.3700



64.6565, 0.2770, 0.2595



64.6565, 0.3502, 0.2922

Sweetspot

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



64.6594, 0.3447, 0.4092



97.4538, 0.3222, 0.3515



45.4707, 0.3755, 0.3508



20.7752, 0.3237, 0.3552



0.0000, 0.0000, 0.0000



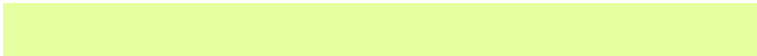
21.4041, 0.3127, 0.3290

Same Dimension

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



64.6594, 0.3447, 0.4092



90.8298, 0.3511, 0.4272



60.5638, 0.3195, 0.4160



15.0781, 0.3226, 0.3524



34.5244, 0.3726, 0.5424



2.2782, 0.3805, 0.5361

Inverse Universe

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



35.6388, 0.2731, 0.2427



43.0390, 0.2626, 0.2215



39.8054, 0.3021, 0.2496



12.7862, 0.3023, 0.3051



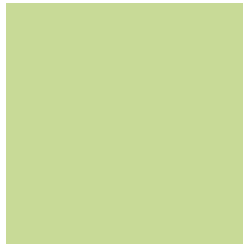
3.6315, 0.1670, 0.0694



0.2774, 0.1842, 0.0788

Previews

White Background



This preview shows how the Yxy color 64.6565, 0.3447, 0.4092 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 64.6565, 0.3447, 0.4092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

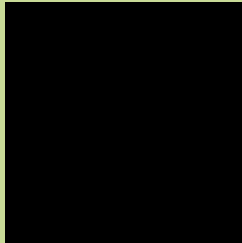
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.6565, 0.3447, 0.4092

Background



This preview shows how black text looks on a background with the Yxy color 64.6565, 0.3447, 0.4092.



This preview shows how white text looks on a background with the Yxy color 64.6565, 0.3447, 0.4092.

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

64.6565, 0.3447, 0.4092

Protanopia

64.5622, 0.3709, 0.3987

Deuteranopia

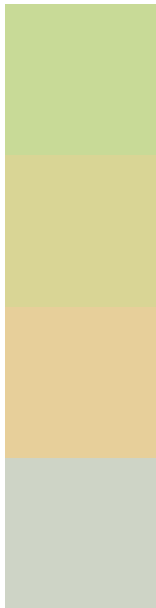
64.0963, 0.3864, 0.3781



Tritanopia

64.7388, 0.3026, 0.3111

Trichromacy



Original Color

64.6565, 0.3447, 0.4092

Protanomaly

64.5101, 0.3611, 0.4027

Deuteranomaly

63.9477, 0.3709, 0.3882

Tritanomaly

64.2860, 0.3179, 0.3453

Monochromacy



Original Color

64.6565, 0.3447, 0.4092

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

62.2925, 0.3249, 0.3587

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.6565, 0.3447, 0.4092 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(200, 218, 151)` looks like.

```
.text, #text, p{  
    color:rgb(200, 218, 151)  
}
```

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(200, 218, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 218, 151) }
```

Border

The CSS property to change the border of an element to Yxy 64.6565, 0.3447, 0.4092 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(200, 218, 151) }
```

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

```
.border{ border-color:rgb(200, 218, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 218, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 218, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 218, 151);  
box-shadow:4px 4px 4px 4px rgb(200, 218,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 64.6565, 0.3447, 0.4092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 218, 151) }
```

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

```
.background{ background-color: rgb(200,  
218, 151) }
```

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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