

Converting Colors

$Yxy(63.8887, 0.3554, 0.4060)$

Have a look what the booklet for
Yxy(63.8887, 0.3554, 0.4060)
contains.

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Color

Yxy(63.9329, 0.3558, 0.4064)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D2D694 |
| RGB | 210, 214, 148 |
| RGB Percent | 82%, 84%, 58% |
| CMY | 0.1764, 0.1608, 0.4196 |
| CMYK | 0.02, 0.00, 0.31, 0.16 |
| HSL | 64°, 45%, 71% |
| HSV | 64°, 31%, 84% |
| XYZ | 55.9728, 63.9329, 37.4096 |
| YIQ | 205.2800, 18.8020, -21.3740 |

Conversions

Conversions Part 2

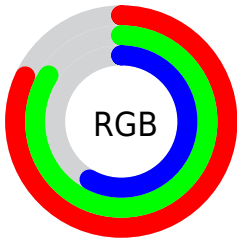
| Format | Color |
|-------------------------------------|--|
| RYB | 148, 214, 152 |
| Decimal | 13817492 |
| CIELab | 83.93, -11.64, 32.22 |
| CIELCh | 84, 34.254, 109.862 |
| Yxy | 63.9329, 0.3558, 0.4064 |
| Android (android.graphics.Color) | 4292007572 (0xFFD2D694) |
| YUV | 205.2800, -28.2390, 4.1394 |
| Hunter-Lab | 79.9581, -14.9719, 28.2309 |

Details

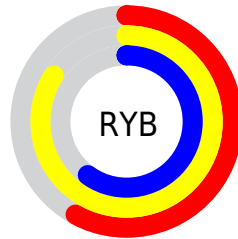
The Yxy color **63.9329, 0.3558, 0.4064** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.7128, 0.2615, 0.2398**, and the grayscale version is **61.4150, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0918, 0.3436, 0.3800**, and **32.6279, 0.3654, 0.4247** is the 20% darker color. If you saturate the color by 10%, you get **63.1303, 0.3691, 0.4310**, and if you desaturate by 10%, it is **64.8681, 0.3418, 0.3810**.

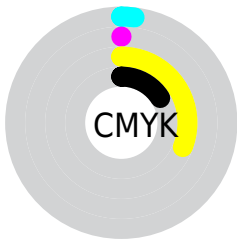
Distribution



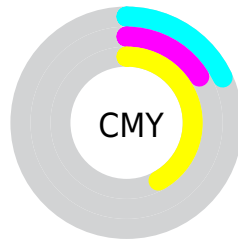
- Red (82%)
- Green (84%)
- Blue (58%)



- Red (58%)
- Yellow (84%)
- Blue (60%)



- Cyan (2%)
- Magenta (0%)
- Yellow (31%)
- Black (16%)





- Cyan (18%)
- Magenta (16%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.9329, 0.3558, 0.4064 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 63.9329, 0.3558, 0.4064 by changing the saturation by 10% instead.


 63.9329, 0.3558,
0.4064


 63.9329, 0.3558,
0.4064


438.9473, 0.3362,
0.3692

 46.5963, 0.3601,
0.4151


 110.5143, 0.3491,
0.3933

 32.7167, 0.3653,
0.4260


 140.5279, 0.3465,
0.3882

 21.9095, 0.3716,
0.4399


175.5360, 0.3442,
0.3839

 13.7904, 0.3792,
0.4582

215.9229, 0.3422,
0.3802

 7.9750, 0.3884,
0.4828

262.0732, 0.3404,
0.3769

 4.0790, 0.4001,
0.5194


314.3710, 0.3388,

 1.7178, 0.4172,


0.3740


0.5828


373.2009, 0.3374,
0.3715


 0.4352, 0.2294,
0.7706


 0.0000, 0.0000,
0.0000


 63.9329, 0.3558,
0.4064

 63.9329, 0.3558,
0.4064

 63.1303, 0.3691,
0.4310


 64.8681, 0.3418,
0.3810


 62.4446, 0.3812,
0.4538


 65.9337, 0.3277,
0.3556

 61.8713, 0.3915,
0.4738

 67.1384, 0.3139,
0.3310


 61.4019, 0.3995,
0.4901


 68.4878, 0.3006,
0.3076


 61.0266, 0.4050,
0.5021


 69.9867, 0.2881,
0.2857


 60.7340, 0.4079,
0.5098

 70.1853, 0.2889,
0.2858

 60.5198, 0.4087,
0.5137

 70.3853, 0.2898,
0.2859

 70.5870, 0.2907,
0.2861

 70.7902, 0.2915,
0.2862

Harmonies

Analogous

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



63.9329, 0.3875, 0.3910



63.9329, 0.3558, 0.4064



63.9329, 0.3138, 0.3986

Triad

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



63.9329, 0.3558, 0.4064



63.9329, 0.2335, 0.2877



63.9329, 0.3506, 0.2942

Complementary

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



63.9329, 0.3558, 0.4064



32.7128, 0.2615, 0.2398

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.



63.9329, 0.3068, 0.2704



63.9329, 0.3558, 0.4064



63.9329, 0.2415, 0.2651

Square

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



63.9329, 0.3558, 0.4064



63.9329, 0.2446, 0.3249



63.9329, 0.2674, 0.2597



63.9329, 0.3853, 0.3265

Rectangle

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



63.9329, 0.3558, 0.4064



63.9329, 0.2860, 0.3798



63.9329, 0.2674, 0.2597



63.9329, 0.3363, 0.2851

Sweetspot

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



63.9358, 0.3558, 0.4064



98.3467, 0.3253, 0.3513



38.6672, 0.3809, 0.3333



20.9965, 0.3273, 0.3549



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.



63.9358, 0.3558, 0.4064



94.2746, 0.3646, 0.4226



59.6627, 0.3303, 0.4133



14.4799, 0.3257, 0.3521



36.5961, 0.4089, 0.5136



2.2192, 0.4108, 0.5120

Inverse Universe

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



32.7128, 0.2615, 0.2398



40.7332, 0.2485, 0.2175



36.2654, 0.2892, 0.2464



12.0442, 0.2991, 0.3050



3.0012, 0.1520, 0.0611



0.1939, 0.1584, 0.0646

Previews

White Background



This preview shows how the Yxy color 63.9329, 0.3558, 0.4064 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 63.9329, 0.3558, 0.4064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

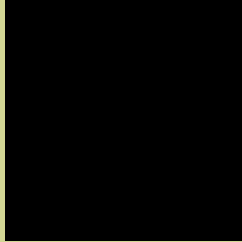
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

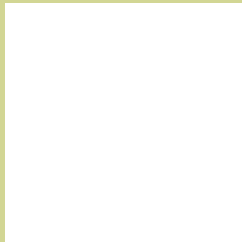
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.9329, 0.3558, 0.4064

Background



This preview shows how black text looks on a background with the Yxy color 63.9329, 0.3558, 0.4064.



This preview shows how white text looks on a background with the Yxy color 63.9329, 0.3558, 0.4064.

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

63.9329, 0.3558, 0.4064

Protanopia

63.8450, 0.3719, 0.4001

Deuteranopia

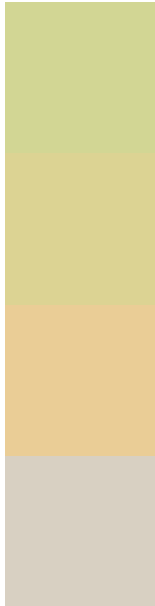
63.4994, 0.3900, 0.3812



Tritanopia

63.9432, 0.3120, 0.3113

Trichromacy



Original Color

63.9329, 0.3558, 0.4064

Protanomaly

63.9108, 0.3656, 0.4023

Deuteranomaly

63.3571, 0.3771, 0.3899

Tritanomaly

63.6057, 0.3288, 0.3450

Monochromacy



Original Color

63.9329, 0.3558, 0.4064

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.8378, 0.3290, 0.3573

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9329, 0.3558, 0.4064 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(210, 214, 148)` looks like.

```
.text, #text, p{  
    color:rgb(210, 214, 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(210, 214, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 214, 148) }
```

Border

The CSS property to change the border of an element to Yxy 63.9329, 0.3558, 0.4064 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(210, 214, 148) }
```

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

```
.border{ border-color:rgb(210, 214, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 214, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 214, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 214, 148); box-shadow:4px 4px 4px 4px rgb(210, 214, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9329, 0.3558, 0.4064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 214, 148) }
```

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

```
.background{ background-color: rgb(210,  
214, 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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