

Converting Colors

$Yxy(63.0872, 0.3590, 0.4256)$

Have a look what the booklet for
Yxy(63.0872, 0.3590, 0.4256)
contains.

Yxy(63.0186, 0.3593, 0.4253)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.0186, 0.3593, 0.4253)

Conversions

Conversions Part 1

Format	Color
Hex	CBD786
RGB	203, 215, 134
RGB Percent	80%, 84%, 53%
CMY	0.2038, 0.1569, 0.4744
CMYK	0.06, 0.00, 0.38, 0.16
HSL	69°, 50%, 68%
HSV	69°, 38%, 84%
XYZ	53.2391, 63.0186, 31.9168
YIQ	202.1780, 18.8490, -27.7350

Conversions

Conversions Part 2

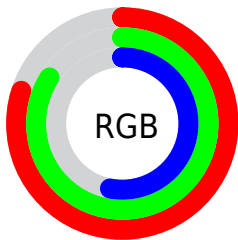
Format	Color
RYB	134, 215, 146
Decimal	13358982
CIELab	83.45, -16.51, 38.61
CIELCh	83, 41.995, 113.153
Yxy	63.0186, 0.3593, 0.4253
Android (android.graphics.Color)	4291549062 (0xFFCBD786)
YUV	202.1780, -33.6118, 0.7209
Hunter-Lab	79.3843, -19.2113, 31.7312

Details

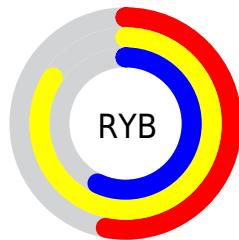
The Yxy color **63.0186, 0.3593, 0.4253** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **28.0697, 0.2536, 0.2181**, and the grayscale version is **59.3896, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4108, 0.3526, 0.3949**, and **32.0620, 0.3690, 0.4491** is the 20% darker color. If you saturate the color by 10%, you get **62.0396, 0.3702, 0.4501**, and if you desaturate by 10%, it is **64.1344, 0.3473, 0.3994**.

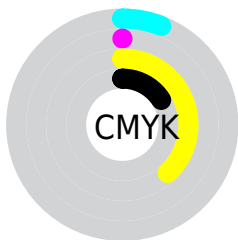
Distribution



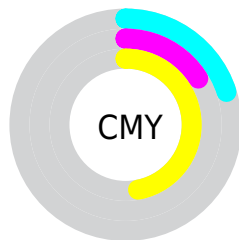
- Red (80%)
- Green (84%)
- Blue (53%)



- Red (53%)
- Yellow (84%)
- Blue (57%)



- Cyan (6%)
- Magenta (0%)
- Yellow (38%)
- Black (16%)





- Cyan (20%)
- Magenta (16%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.0186, 0.3593, 0.4253 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 63.0186, 0.3593, 0.4253 by changing the saturation by 10% instead.

 63.0186, 0.3593,
0.4253


 63.0186, 0.3593,
0.4253


435.6370, 0.3386,
0.3787


 45.8563, 0.3636,
0.4363


 109.1963, 0.3524,
0.4088

 32.1324, 0.3687,
0.4499


 138.9805, 0.3496,
0.4025

 21.4627, 0.3746,
0.4672


 173.7408, 0.3472,
0.3971

 13.4626, 0.3812,
0.4897

213.8615, 0.3450,
0.3924

 7.7479, 0.3877,
0.5196

259.7271, 0.3431,
0.3883

 3.9340, 0.4039,
0.5774

311.7220, 0.3414,

 1.6367, 0.3849,

0.3847

0.6151

370.2305, 0.3399,
0.3816

0.3822, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

63.0186, 0.3593,
0.4253

63.0186, 0.3593,
0.4253

62.0396, 0.3702,
0.4501

64.1344, 0.3473,
0.3994

61.1814, 0.3796,
0.4727


65.3852, 0.3348,
0.3733

60.4385, 0.3868,
0.4921

66.7804, 0.3222,
0.3478

59.8014, 0.3916,
0.5074


68.3259, 0.3099,
0.3234

 59.2593, 0.3937,
0.5182


 70.0272, 0.2981,
0.3006


 58.7967, 0.3934,
0.5247

 71.3628, 0.2918,
0.2873

 58.6944, 0.3932,
0.5260

 71.8695, 0.2940,
0.2875

 72.3856, 0.2961,
0.2878

 72.9113, 0.2983,
0.2881

Harmonies

Analogous

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



63.0186, 0.4007, 0.4071



63.0186, 0.3593, 0.4253



63.0186, 0.3074, 0.4132

Triad

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



63.0186, 0.3593, 0.4253



63.0186, 0.2168, 0.2736



63.0186, 0.3647, 0.2905

Complementary

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



63.0186, 0.3593, 0.4253



28.0697, 0.2536, 0.2181

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.



63.0186, 0.3109, 0.2608



63.0186, 0.3593, 0.4253



63.0186, 0.2288, 0.2494

Square

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



63.0186, 0.3593, 0.4253



63.0186, 0.2273, 0.3174



63.0186, 0.2618, 0.2459



63.0186, 0.4057, 0.3295

Rectangle

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



63.0186, 0.3593, 0.4253



63.0186, 0.2741, 0.3875



63.0186, 0.2618, 0.2459



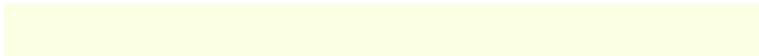
63.0186, 0.3473, 0.2792

Sweetspot

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



63.0214, 0.3593, 0.4253



97.5457, 0.3265, 0.3565



36.3617, 0.3997, 0.3426



20.8181, 0.3282, 0.3599



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.



63.0214, 0.3593, 0.4253



91.6058, 0.3679, 0.4447



58.1821, 0.3285, 0.4358



14.4227, 0.3244, 0.3522



35.1442, 0.3936, 0.5256



2.1456, 0.3983, 0.5219

Inverse Universe

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



28.0697, 0.2536, 0.2181



33.2380, 0.2387, 0.1916



32.3125, 0.2887, 0.2283



12.0959, 0.3004, 0.3051



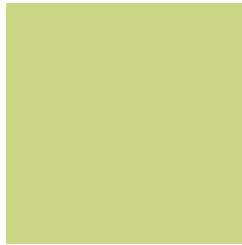
3.1443, 0.1563, 0.0635



0.2183, 0.1700, 0.0710

Previews

White Background



This preview shows how the Yxy color 63.0186, 0.3593, 0.4253 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 63.0186, 0.3593, 0.4253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

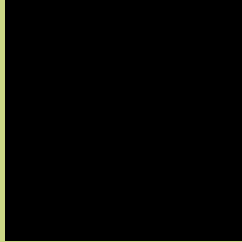
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.0186, 0.3593, 0.4253

Background



This preview shows how black text looks on a background with the Yxy color 63.0186, 0.3593, 0.4253.



This preview shows how white text looks on a background with the Yxy color 63.0186, 0.3593, 0.4253.

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

63.0186, 0.3593, 0.4253

Protanopia

62.9192, 0.3830, 0.4153

Deuteranopia

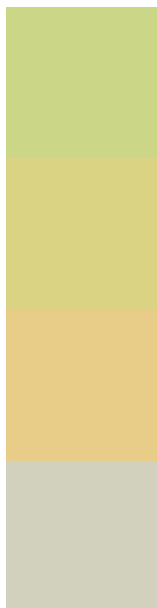
62.8216, 0.4013, 0.3934



Tritanopia

63.1792, 0.3083, 0.3111

Trichromacy



Original Color

63.0186, 0.3593, 0.4253

Protanomaly

63.1599, 0.3744, 0.4194

Deuteranomaly

62.6246, 0.3850, 0.4044

Tritanomaly

62.9767, 0.3276, 0.3523

Monochromacy



Original Color

63.0186, 0.3593, 0.4253

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

60.3565, 0.3303, 0.3651

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0186, 0.3593, 0.4253 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(203, 215, 134)` looks like.

```
.text, #text, p{  
    color:rgb(203, 215, 134)  
}
```

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(203, 215, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 215, 134) }
```

Border

The CSS property to change the border of an element to Yxy 63.0186, 0.3593, 0.4253 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(203, 215, 134) }
```

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

```
.border{ border-color:rgb(203, 215, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 215, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 215, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 215, 134);  
box-shadow:4px 4px 4px 4px rgb(203, 215,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0186, 0.3593, 0.4253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 215, 134) }
```

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

```
.background{ background-color: rgb(203,  
215, 134) }
```

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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