

Converting Colors

$Yxy(63.2973, 0.3335, 0.3879)$

Have a look what the booklet for
Yxy(63.2973, 0.3335, 0.3879)
contains.

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Color

Yxy(63.3598, 0.3336, 0.3881)

Conversions

Conversions Part 1

Format	Color
Hex	C6D7A6
RGB	198, 215, 166
RGB Percent	78%, 84%, 65%
CMY	0.2237, 0.1568, 0.3490
CMYK	0.08, 0.00, 0.23, 0.16
HSL	81°, 38%, 75%
HSV	81°, 23%, 84%
XYZ	54.4623, 63.3598, 45.4342
YIQ	204.3310, 5.5970, -18.8430

Conversions

Conversions Part 2

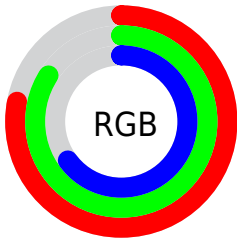
Format	Color
RYB	166, 215, 183
Decimal	13031334
CIELab	83.63, -14.15, 22.33
CIElCh	84, 26.432, 122.369
Yxy	63.3598, 0.3336, 0.3881
Android (android.graphics.Color)	4291221414 (0xFFC6D7A6)
YUV	204.3310, -18.8972, -5.5523
Hunter-Lab	79.5989, -17.1666, 21.8771

Details

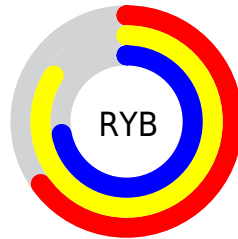
The Yxy color **63.3598, 0.3336, 0.3881** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.2547, 0.2881, 0.2678**, and the grayscale version is **60.7198, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0005, 0.3327, 0.3621**, and **32.2858, 0.3384, 0.4030** is the 20% darker color. If you saturate the color by 10%, you get **61.6463, 0.3423, 0.4160**, and if you desaturate by 10%, it is **65.2611, 0.3245, 0.3612**.

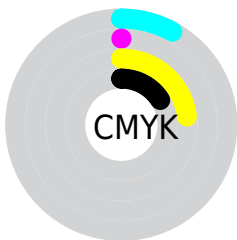
Distribution



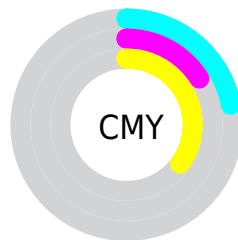
- Red (78%)
- Green (84%)
- Blue (65%)



- Red (65%)
- Yellow (84%)
- Blue (72%)



- Cyan (8%)
- Magenta (0%)
- Yellow (23%)
- Black (16%)





- Cyan (22%)
- Magenta (16%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.3598, 0.3336, 0.3881 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 63.3598, 0.3336, 0.3881 by changing the saturation by 10% instead.


 63.3598, 0.3336,
0.3881

 63.3598, 0.3336,
0.3881

436.8741, 0.3241,
0.3594

 46.1323, 0.3357,
0.3950

 109.6884, 0.3304,
0.3779

 32.3503, 0.3382,
0.4037


 139.5584, 0.3291,
0.3740

 21.6292, 0.3412,
0.4150


174.4113, 0.3280,
0.3706

 13.5847, 0.3450,
0.4302

214.6316, 0.3270,
0.3678

 7.8324, 0.3497,
0.4517

260.6036, 0.3262,
0.3653

 3.9879, 0.3550,
0.4841

312.7118, 0.3254,

 1.6668, 0.3891,

0.3631

0.5822

371.3405, 0.3247,
0.3611

0.4020, 0.0835,
0.9165

0.0000, 0.0000,
0.0000

63.3598, 0.3336,
0.3881

63.3598, 0.3336,
0.3881

61.6463, 0.3423,
0.4160

65.2611, 0.3245,
0.3612

60.1050, 0.3502,
0.4441

67.3486, 0.3153,
0.3358

58.7307, 0.3568,
0.4712

69.6315, 0.3063,
0.3122

57.5150, 0.3615,
0.4963

72.1159, 0.2976,
0.2907

■ 56.4482, 0.3641,
0.5179

■ 73.5575, 0.3009,
0.2884

■ 55.5195, 0.3641,
0.5350

■ 74.8614, 0.3061,
0.2890

■ 54.7159, 0.3617,
0.5471

■ 76.2197, 0.3113,
0.2897

■ 54.1994, 0.3588,
0.5533

■ 77.0902, 0.3145,
0.2901

Harmonies

Analogous

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



63.3598, 0.3623, 0.3842



63.3598, 0.3336, 0.3881



63.3598, 0.3003, 0.3738

Triad

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



63.3598, 0.3336, 0.3881



63.3598, 0.2512, 0.2883



63.3598, 0.3547, 0.3120

Complementary

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



63.3598, 0.3336, 0.3881



42.2547, 0.2881, 0.2678

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.



63.3598, 0.3227, 0.2896



63.3598, 0.3336, 0.3881



63.3598, 0.2638, 0.2755

Square

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



63.3598, 0.3336, 0.3881



63.3598, 0.2538, 0.3134



63.3598, 0.2895, 0.2764



63.3598, 0.3754, 0.3392

Rectangle

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



63.3598, 0.3336, 0.3881



63.3598, 0.2800, 0.3558



63.3598, 0.2895, 0.2764



63.3598, 0.3448, 0.3037

Sweetspot

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



63.3626, 0.3336, 0.3881



97.7435, 0.3192, 0.3464



50.7978, 0.3550, 0.3487



20.8809, 0.3197, 0.3480



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.



63.3626, 0.3336, 0.3881



92.0654, 0.3376, 0.4005



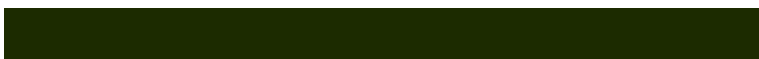
60.3814, 0.3156, 0.3915



14.2936, 0.3213, 0.3524



32.4726, 0.3597, 0.5526



2.0038, 0.3701, 0.5443

Inverse Universe

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



42.2547, 0.2881, 0.2678



56.1204, 0.2823, 0.2545



45.4229, 0.3083, 0.2714



12.2168, 0.3035, 0.3053



3.8792, 0.1771, 0.0749



0.2793, 0.1966, 0.0857

Previews

White Background



This preview shows how the Yxy color 63.3598, 0.3336, 0.3881 looks on a white background.

Color Contrast Check

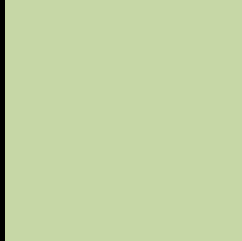
Large Text (above 18pt) WCAG AA × Fail

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 63.3598, 0.3336, 0.3881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

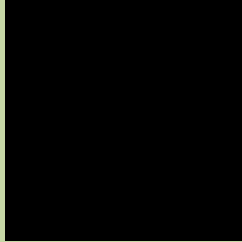
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

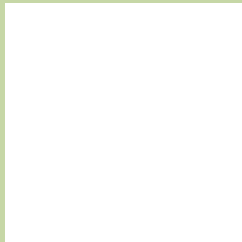
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.3598, 0.3336, 0.3881

Background



This preview shows how black text looks on a background with the Yxy color 63.3598, 0.3336, 0.3881.



This preview shows how white text looks on a background with the Yxy color 63.3598, 0.3336, 0.3881.

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

63.3598, 0.3336, 0.3881

Protanopia

63.2857, 0.3565, 0.3805

Deuteranopia

63.0504, 0.3707, 0.3628



Tritanopia

63.1293, 0.3004, 0.3097

Trichromacy



Original Color

63.3598, 0.3336, 0.3881

Protanomaly

63.4150, 0.3477, 0.3839

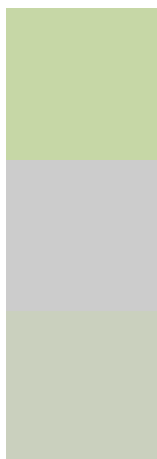
Deuteranomaly

62.6585, 0.3568, 0.3710

Tritanomaly

63.1015, 0.3123, 0.3372

Monochromacy



Original Color

63.3598, 0.3336, 0.3881

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.3860, 0.3208, 0.3504

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3598, 0.3336, 0.3881 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(198, 215, 166)` looks like.

```
.text, #text, p{  
    color:rgb(198, 215, 166)  
}
```

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(198, 215, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 215, 166) }
```

Border

The CSS property to change the border of an element to Yxy 63.3598, 0.3336, 0.3881 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(198, 215, 166) }
```

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

```
.border{ border-color:rgb(198, 215, 166) }
```

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

Here you see how a box with a 4 pixel rgb(198, 215, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 215, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 215, 166);  
box-shadow:4px 4px 4px 4px rgb(198, 215,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3598, 0.3336, 0.3881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 215, 166) }
```

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

```
.background{ background-color: rgb(198,  
215, 166) }
```

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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