

Converting Colors

Yxy(66.3451, 0.3484, 0.3938)

Have a look what the booklet for
Yxy(66.3451, 0.3484, 0.3938)
contains.

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Color

Yxy(66.3451, 0.3484, 0.3938)

Conversions

Conversions Part 1

Format	Color
Hex	D5D9A1
RGB	213, 217, 161
RGB Percent	84%, 85%, 63%
CMY	0.1645, 0.1490, 0.3686
CMYK	0.02, 0.00, 0.26, 0.15
HSL	64°, 42%, 74%
HSV	64°, 26%, 85%
XYZ	58.6964, 66.3451, 43.4326
YIQ	209.4200, 15.5920, -18.2640

Conversions

Conversions Part 2

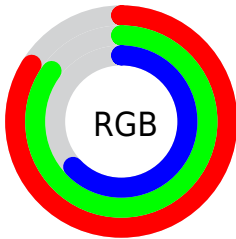
Format	Color
RYB	161, 217, 165
Decimal	14014881
CIELab	85.17, -10.30, 27.21
CIELCh	85, 29.093, 110.730
Yxy	66.3451, 0.3484, 0.3938
Android (android.graphics.Color)	4292204961 (0xFFD5D9A1)
YUV	209.4200, -23.8711, 3.1397
Hunter-Lab	81.4525, -13.9110, 25.4018

Details

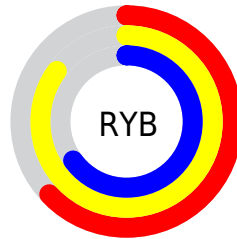
The Yxy color **66.3451, 0.3484, 0.3938** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.4958, 0.2715, 0.2563**, and the grayscale version is **64.2064, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7379, 0.3358, 0.3671**, and **34.2139, 0.3567, 0.4098** is the 20% darker color. If you saturate the color by 10%, you get **65.4199, 0.3619, 0.4190**, and if you desaturate by 10%, it is **67.4112, 0.3345, 0.3682**.

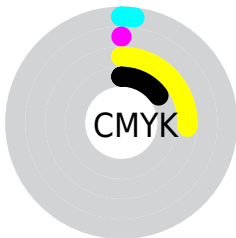
Distribution



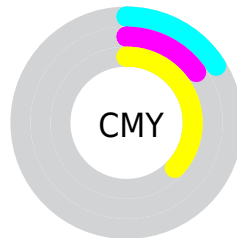
- Red (84%)
- Green (85%)
- Blue (63%)



- Red (63%)
- Yellow (85%)
- Blue (65%)



- Cyan (2%)
- Magenta (0%)
- Yellow (26%)
- Black (15%)





- Cyan (16%)
- Magenta (15%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.3451, 0.3484, 0.3938 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 66.3451, 0.3484, 0.3938 by changing the saturation by 10% instead.

 66.3451, 0.3484,
0.3938


 66.3451, 0.3484,
0.3938

447.6101, 0.3321,
0.3628

 48.5526, 0.3520,
0.4011


 113.9815, 0.3428,
0.3829

 34.2647, 0.3564,
0.4101


 144.5942, 0.3406,
0.3787

 23.0970, 0.3618,
0.4217


180.2491, 0.3387,
0.3751

 14.6652, 0.3686,
0.4370

221.3305, 0.3371,
0.3720

 8.5847, 0.3771,
0.4580

268.2230, 0.3356,
0.3693

 4.4713, 0.3876,
0.4879

321.3108, 0.3343,

 1.9406, 0.4280,

0.3669

0.5720

380.9783, 0.3331,
0.3647

0.5726, 0.3384,
0.6616

0.0000, 0.0000,
0.0000

66.3451, 0.3484,
0.3938

66.3451, 0.3484,
0.3938

65.4199, 0.3619,
0.4190

67.4112, 0.3345,
0.3682

64.6199, 0.3745,
0.4430

68.6158, 0.3206,
0.3431

63.9405, 0.3856,
0.4647

69.9677, 0.3071,
0.3190

63.3736, 0.3947,
0.4832

71.4726, 0.2944,
0.2964

■ 62.9097, 0.4013,
0.4976

■ 72.1661, 0.2910,
0.2893

■ 62.5380, 0.4053,
0.5077

■ 72.4069, 0.2920,
0.2894

■ 62.2451, 0.4067,
0.5134

■ 72.6499, 0.2930,
0.2895

■ 62.1355, 0.4069,
0.5151

■ 72.8951, 0.2940,
0.2896

■ 73.1426, 0.2951,
0.2898

Harmonies

Analogous

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



66.3451, 0.3751, 0.3822



66.3451, 0.3484, 0.3938



66.3451, 0.3130, 0.3861

Triad

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



66.3451, 0.3484, 0.3938



66.3451, 0.2454, 0.2939



66.3451, 0.3456, 0.3003

Complementary

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



66.3451, 0.3484, 0.3938



38.4958, 0.2715, 0.2563

Split Complementary

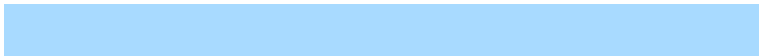
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.3451, 0.3091, 0.2796



66.3451, 0.3484, 0.3938



66.3451, 0.2528, 0.2747

Square

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



66.3451, 0.3484, 0.3938



66.3451, 0.2546, 0.3250



66.3451, 0.2754, 0.2702



66.3451, 0.3741, 0.3282

Rectangle

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



66.3451, 0.3484, 0.3938



66.3451, 0.2895, 0.3703



66.3451, 0.2754, 0.2702



66.3451, 0.3338, 0.2924

Sweetspot

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



66.3481, 0.3484, 0.3938



98.4833, 0.3237, 0.3488



44.1402, 0.3663, 0.3337



21.0217, 0.3258, 0.3526



0.0000, 0.0000, 0.0000



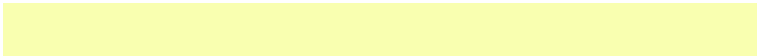
21.4041, 0.3127, 0.3290

Same Dimension

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



66.3481, 0.3484, 0.3938



94.8708, 0.3559, 0.4077



62.5428, 0.3270, 0.3985



15.2147, 0.3256, 0.3522



37.6359, 0.4071, 0.5150



2.4525, 0.4092, 0.5133

Inverse Universe

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



38.4958, 0.2715, 0.2563



48.1383, 0.2611, 0.2383



41.8037, 0.2946, 0.2609



12.6608, 0.2992, 0.3049



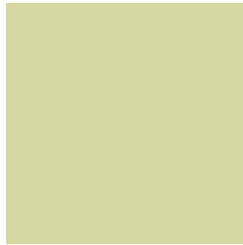
3.1124, 0.1524, 0.0613



0.2174, 0.1593, 0.0651

Previews

White Background



This preview shows how the Yxy color 66.3451, 0.3484, 0.3938 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 66.3451, 0.3484, 0.3938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

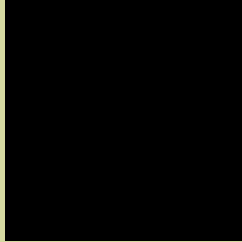
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

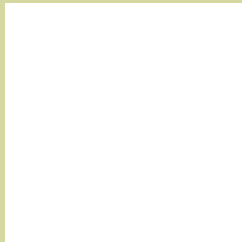
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.3451, 0.3484, 0.3938

Background



This preview shows how black text looks on a background with the Yxy color 66.3451, 0.3484, 0.3938.



This preview shows how white text looks on a background with the Yxy color 66.3451, 0.3484, 0.3938.

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

66.3451, 0.3484, 0.3938

Protanopia

66.0842, 0.3631, 0.3883

Deuteranopia

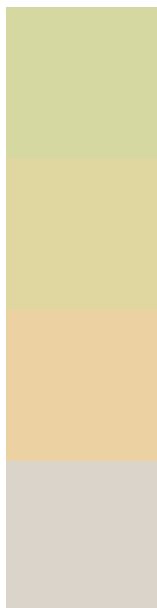
66.0058, 0.3791, 0.3715



Tritanopia

66.4093, 0.3106, 0.3115

Trichromacy



Original Color

66.3451, 0.3484, 0.3938

Protanomaly

66.3192, 0.3578, 0.3901

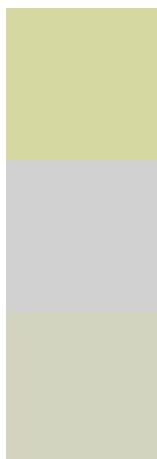
Deuteranomaly

66.0781, 0.3676, 0.3795

Tritanomaly

66.2567, 0.3242, 0.3403

Monochromacy



Original Color

66.3451, 0.3484, 0.3938

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.5944, 0.3251, 0.3522

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3451, 0.3484, 0.3938 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(213, 217, 161)` looks like.

```
.text, #text, p{  
    color:rgb(213, 217, 161)  
}
```

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(213, 217, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 217, 161) }
```

Border

The CSS property to change the border of an element to Yxy 66.3451, 0.3484, 0.3938 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(213, 217, 161) }
```

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

```
.border{ border-color:rgb(213, 217, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 217, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 217, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 217, 161);  
box-shadow:4px 4px 4px 4px rgb(213, 217,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3451, 0.3484, 0.3938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 217, 161) }
```

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

```
.background{ background-color: rgb(213,  
217, 161) }
```

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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