

Converting Colors

$Yxy(66.6107, 0.3665, 0.4179)$

Have a look what the booklet for
Yxy(66.6107, 0.3665, 0.4179)
contains.

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Color

Yxy(66.9123, 0.3670, 0.4187)

Conversions

Conversions Part 1

Format	Color
Hex	DADA8B
RGB	218, 218, 139
RGB Percent	85%, 85%, 55%
CMY	0.1450, 0.1451, 0.4549
CMYK	0.00, 0.00, 0.36, 0.14
HSL	60°, 52%, 70%
HSV	60°, 36%, 86%
XYZ	58.6501, 66.9123, 34.2472
YIQ	208.9940, 25.3590, -24.5690

Conversions

Conversions Part 2

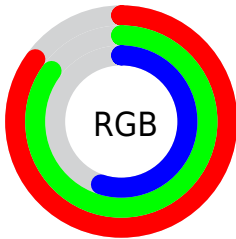
Format	Color
RYB	139, 218, 139
Decimal	14342795
CIELab	85.46, -11.65, 38.92
CIELCh	85, 40.622, 106.664
Yxy	66.9123, 0.3670, 0.4187
Android (android.graphics.Color)	4292532875 (0xFFDADA8B)
YUV	208.9940, -34.5070, 7.8983
Hunter-Lab	81.7999, -15.1663, 32.4370

Details

The Yxy color **66.9123, 0.3670, 0.4187** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.0230, 0.2469, 0.2202**, and the grayscale version is **63.9768, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6303, 0.3496, 0.3900**, and **34.5803, 0.3782, 0.4395** is the 20% darker color. If you saturate the color by 10%, you get **66.3365, 0.3808, 0.4416**, and if you desaturate by 10%, it is **67.6212, 0.3522, 0.3942**.

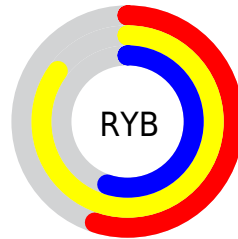
Distribution



Red (85%)

Green (85%)

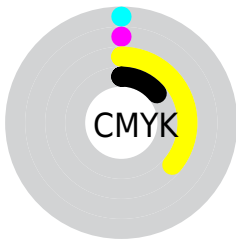
Blue (55%)



Red (55%)

Yellow (85%)

Blue (55%)

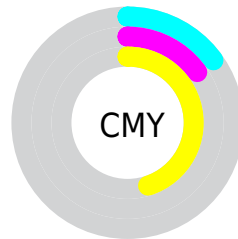


Cyan (0%)

Magenta (0%)

Yellow (36%)

Black (14%)



Cyan (15%)


Magenta (15%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.9123, 0.3670, 0.4187 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 66.9123, 0.3670, 0.4187 by changing the saturation by 10% instead.


 66.9123, 0.3670,
0.4187


 66.9123, 0.3670,
0.4187


449.6325, 0.3426,
0.3762

 49.0134, 0.3722,
0.4285


 114.7947, 0.3588,
0.4039

 34.6301, 0.3783,
0.4405


 145.5470, 0.3555,
0.3981

 23.3781, 0.3857,
0.4555


 181.3525, 0.3527,
0.3932

 14.8729, 0.3943,
0.4748

222.5957, 0.3502,
0.3889

 8.7302, 0.4040,
0.4997

269.6609, 0.3480,
0.3851

 4.5656, 0.4191,
0.5397

322.9325, 0.3460,

 1.9947, 0.4206,

0.3818

0.5794

382.7949, 0.3442,
0.3788

0.6044, 0.3243,
0.6757

0.0000, 0.0000,
0.0000

66.9123, 0.3670,
0.4187

66.9123, 0.3670,
0.4187

66.3365, 0.3808,
0.4416

67.6212, 0.3522,
0.3942

65.8772, 0.3931,
0.4619

68.4612, 0.3370,
0.3691

65.5289, 0.4033,
0.4787

69.4417, 0.3219,
0.3442

65.2823, 0.4111,
0.4915

70.5688, 0.3073,
0.3201

 65.1262, 0.4161,
0.4999


 71.8481, 0.2935,
0.2972


 65.0467, 0.4188,
0.5042

 72.2941, 0.2892,
0.2902

 65.0273, 0.4194,
0.5052

 72.2979, 0.2892,
0.2902

 72.3017, 0.2892,
0.2902

 72.3055, 0.2892,
0.2902

Harmonies

Analogous

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



66.9123, 0.4023, 0.3972



66.9123, 0.3670, 0.4187



66.9123, 0.3188, 0.4137

Triad

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



66.9123, 0.3670, 0.4187



66.9123, 0.2217, 0.2842



66.9123, 0.3515, 0.2853

Complementary

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



66.9123, 0.3670, 0.4187



29.0230, 0.2469, 0.2202

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.



66.9123, 0.3001, 0.2595



66.9123, 0.3670, 0.4187



66.9123, 0.2286, 0.2566

Square

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



66.9123, 0.3670, 0.4187



66.9123, 0.2364, 0.3290



66.9123, 0.2560, 0.2489



66.9123, 0.3943, 0.3212

Rectangle

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



66.9123, 0.3670, 0.4187



66.9123, 0.2861, 0.3933



66.9123, 0.2560, 0.2489



66.9123, 0.3345, 0.2753

Sweetspot

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



66.9153, 0.3670, 0.4187



98.3173, 0.3292, 0.3562



35.2756, 0.3985, 0.3276



21.0033, 0.3313, 0.3596



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.



66.9153, 0.3670, 0.4187



94.8117, 0.3770, 0.4352



61.7023, 0.3369, 0.4285



15.2631, 0.3267, 0.3521



38.9484, 0.4194, 0.5052



2.5235, 0.4194, 0.5052

Inverse Universe

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



29.0230, 0.2469, 0.2202



33.6408, 0.2316, 0.1949



32.8966, 0.2791, 0.2292



12.6179, 0.2981, 0.3048



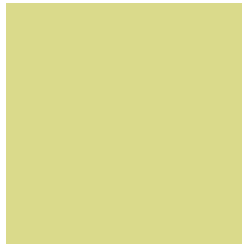
3.0339, 0.1500, 0.0600



0.1968, 0.1500, 0.0601

Previews

White Background



This preview shows how the Yxy color 66.9123, 0.3670, 0.4187 looks on a white background.

Color Contrast Check

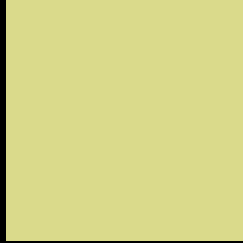
Large Text (above 18pt) WCAG AA × Fail

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 66.9123, 0.3670, 0.4187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

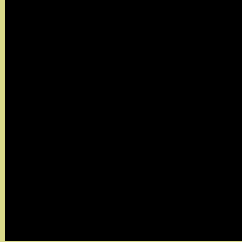
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.9123, 0.3670, 0.4187

Background



This preview shows how black text looks on a background with the Yxy color 66.9123, 0.3670, 0.4187.



This preview shows how white text looks on a background with the Yxy color 66.9123, 0.3670, 0.4187.

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

66.9123, 0.3670, 0.4187

Protanopia

66.5504, 0.3816, 0.4123

Deuteranopia

66.4593, 0.3993, 0.3910



Tritanopia

66.9875, 0.3165, 0.3118

Trichromacy



Original Color

66.9123, 0.3670, 0.4187

Protanomaly

66.7667, 0.3760, 0.4145

Deuteranomaly

66.4312, 0.3879, 0.4008

Tritanomaly

66.7845, 0.3352, 0.3503

Monochromacy



Original Color

66.9123, 0.3670, 0.4187

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.5447, 0.3323, 0.3615

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.9123, 0.3670, 0.4187 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(218, 218, 139)` looks like.

```
.text, #text, p{  
    color:rgb(218, 218, 139)  
}
```

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(218, 218, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 218, 139) }
```

Border

The CSS property to change the border of an element to Yxy 66.9123, 0.3670, 0.4187 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(218, 218, 139) }
```

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

```
.border{ border-color:rgb(218, 218, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 218, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 218, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 218, 139);  
box-shadow:4px 4px 4px 4px rgb(218, 218,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 66.9123, 0.3670, 0.4187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 218, 139) }
```

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

```
.background{ background-color: rgb(218,  
218, 139) }
```

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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