

Converting Colors

$Yxy(71.2416, 0.3345, 0.3731)$

Have a look what the booklet for
Yxy(71.2416, 0.3345, 0.3731)
contains.

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Color

Yxy(70.9878, 0.3344, 0.3730)

Conversions

Conversions Part 1

Format	Color
Hex	D9DFB8
RGB	217, 223, 184
RGB Percent	85%, 87%, 72%
CMY	0.1492, 0.1254, 0.2785
CMYK	0.03, 0.00, 0.18, 0.13
HSL	69°, 38%, 80%
HSV	69°, 18%, 87%
XYZ	63.6416, 70.9878, 55.6864
YIQ	216.7600, 8.9430, -13.4010

Conversions

Conversions Part 2

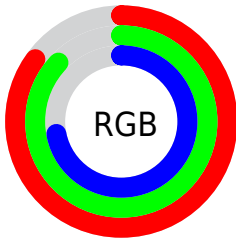
Format	Color
RYB	184, 223, 190
Decimal	14278584
CIELab	87.48, -8.60, 18.47
CIELCh	87, 20.377, 114.979
Yxy	70.9878, 0.3344, 0.3730
Android (android.graphics.Color)	4292468664 (0xFFD9DFB8)
YUV	216.7600, -16.1507, 0.2105
Hunter-Lab	84.2543, -12.6146, 19.7913

Details

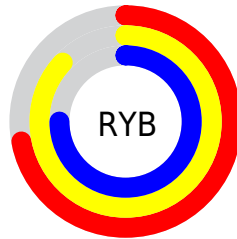
The Yxy color **70.9878, 0.3344, 0.3730** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.5590, 0.2887, 0.2822**, and the grayscale version is **69.3192, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **37.3253, 0.3393, 0.3838** is the 20% darker color. If you saturate the color by 10%, you get **69.6021, 0.3468, 0.3992**, and if you desaturate by 10%, it is **72.5384, 0.3219, 0.3474**.

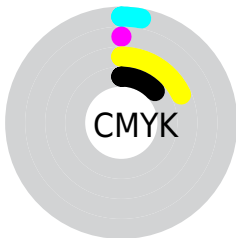
Distribution



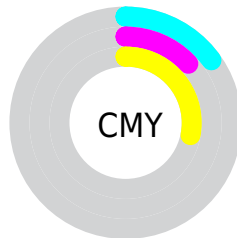
- Red (85%)
- Green (87%)
- Blue (72%)



- Red (72%)
- Yellow (87%)
- Blue (75%)



- Cyan (3%)
- Magenta (0%)
- Yellow (18%)
- Black (13%)




- Cyan (15%)
- Magenta (13%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.9878, 0.3344, 0.3730 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 70.9878, 0.3344, 0.3730 by changing the saturation by 10% instead.

 70.9878, 0.3344,
0.3730

 70.9878, 0.3344,
0.3730


464.0108, 0.3245,
0.3522

 52.3322, 0.3366,
0.3778

 120.6164, 0.3310,
0.3657

 37.2700, 0.3393,
0.3839


152.3581, 0.3297,
0.3629

 25.4166, 0.3427,
0.3916

189.2308, 0.3285,
0.3605

 16.3877, 0.3470,
0.4018

231.6187, 0.3275,
0.3584

 9.7989, 0.3526,
0.4158

279.9062, 0.3266,
0.3566

 5.2658, 0.3602,
0.4364

334.4779, 0.3259,

 2.4041, 0.3711,

0.3549

0.4696

395.7179, 0.3251,
0.3535

0.8280, 0.4106,
0.5894

0.0000, 0.0000,
0.0000

70.9878, 0.3344,
0.3730

70.9878, 0.3344,
0.3730

69.6021, 0.3468,
0.3992

72.5384, 0.3219,
0.3474

68.3650, 0.3587,
0.4253


74.2509, 0.3097,
0.3230


67.2720, 0.3695,
0.4502

76.1348, 0.2980,
0.3002

66.3150, 0.3788,
0.4731


76.9678, 0.2978,
0.2964

 65.4849, 0.3859,
0.4926

 77.5505, 0.3001,
0.2966

 64.7713, 0.3905,
0.5082


 78.1447, 0.3025,
0.2968


 64.1623, 0.3925,
0.5192

 78.7504, 0.3048,
0.2971

 63.6416, 0.3921,
0.5258

 79.3679, 0.3071,
0.2973

 63.5188, 0.3918,
0.5271

 79.9970, 0.3095,
0.2975

Harmonies

Analogous

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



70.9878, 0.3537, 0.3677



70.9878, 0.3344, 0.3730



70.9878, 0.3098, 0.3655

Triad

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



70.9878, 0.3344, 0.3730



70.9878, 0.2658, 0.3029



70.9878, 0.3386, 0.3117

Complementary

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



70.9878, 0.3344, 0.3730



50.5590, 0.2887, 0.2822

Split Complementary

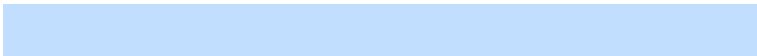
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.9878, 0.3141, 0.2960



70.9878, 0.3344, 0.3730



70.9878, 0.2727, 0.2904

Square

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



70.9878, 0.3344, 0.3730



70.9878, 0.2708, 0.3235



70.9878, 0.2901, 0.2882



70.9878, 0.3564, 0.3320

Rectangle

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



70.9878, 0.3344, 0.3730



70.9878, 0.2938, 0.3540



70.9878, 0.2901, 0.2882



70.9878, 0.3308, 0.3058

Sweetspot

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



70.9909, 0.3344, 0.3730



98.8315, 0.3189, 0.3413



55.9098, 0.3452, 0.3358



21.1198, 0.3197, 0.3430



0.0000, 0.0000, 0.0000



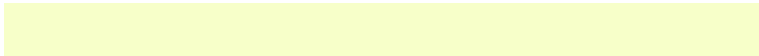
21.4041, 0.3127, 0.3290

Same Dimension

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



70.9909, 0.3344, 0.3730



95.4719, 0.3390, 0.3825



68.2053, 0.3202, 0.3750



15.9159, 0.3243, 0.3523



37.3802, 0.3922, 0.5268



2.6205, 0.3966, 0.5233

Inverse Universe

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



50.5590, 0.2887, 0.2822



62.8732, 0.2829, 0.2713



53.2119, 0.3038, 0.2843



13.3452, 0.3005, 0.3049



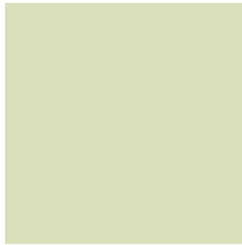
3.3708, 0.1567, 0.0637



0.2658, 0.1692, 0.0706

Previews

White Background



This preview shows how the Yxy color 70.9878, 0.3344, 0.3730 looks on a white background.

Color Contrast Check

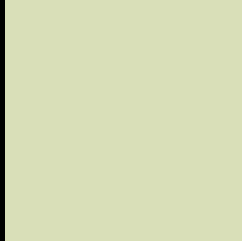
Large Text (above 18pt) WCAG AA × Fail

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 70.9878, 0.3344, 0.3730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

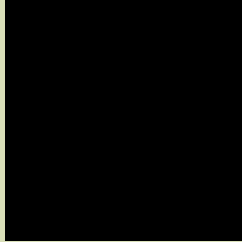
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

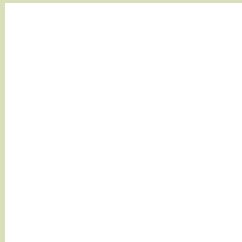
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.9878, 0.3344, 0.3730

Background



This preview shows how black text looks on a background with the Yxy color 70.9878, 0.3344, 0.3730.



This preview shows how white text looks on a background with the Yxy color 70.9878, 0.3344, 0.3730.

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

70.9878, 0.3344, 0.3730

Protanopia

71.0294, 0.3472, 0.3695

Deuteranopia

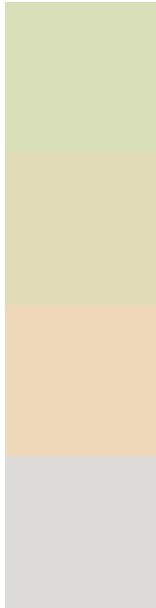
70.8291, 0.3625, 0.3551



Tritanopia

70.8422, 0.3071, 0.3108

Trichromacy



Original Color

70.9878, 0.3344, 0.3730

Protanomaly

70.7740, 0.3424, 0.3700

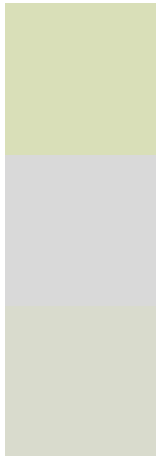
Deuteranomaly

70.4544, 0.3521, 0.3613

Tritanomaly

70.9415, 0.3168, 0.3334

Monochromacy



Original Color

70.9878, 0.3344, 0.3730

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.8225, 0.3207, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9878, 0.3344, 0.3730 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(217, 223, 184)` looks like.

```
.text, #text, p{  
    color:rgb(217, 223, 184)  
}
```

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(217, 223, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 223, 184) }
```

Border

The CSS property to change the border of an element to Yxy 70.9878, 0.3344, 0.3730 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(217, 223, 184) }
```

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

```
.border{ border-color:rgb(217, 223, 184) }
```

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

Here you see how a box with a 4 pixel rgb(217, 223, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 223, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 223, 184);  
box-shadow:4px 4px 4px 4px rgb(217, 223,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9878, 0.3344, 0.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 223, 184) }
```

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

```
.background{ background-color: rgb(217,  
223, 184) }
```

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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