

Converting Colors

$Y_{xy}(74.1558, 0.3312, 0.3722)$

Have a look what the booklet for
Yxy(74.1558, 0.3312, 0.3722)
contains.

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Color

Yxy(74.0664, 0.3311, 0.3724)

Conversions

Conversions Part 1

Format	Color
Hex	DAE4BD
RGB	218, 228, 189
RGB Percent	85%, 89%, 74%
CMY	0.1449, 0.1059, 0.2588
CMYK	0.04, 0.00, 0.17, 0.11
HSL	75°, 42%, 82%
HSV	75°, 17%, 89%
XYZ	65.8523, 74.0664, 58.9707
YIQ	220.5640, 6.5590, -14.2490

Conversions

Conversions Part 2

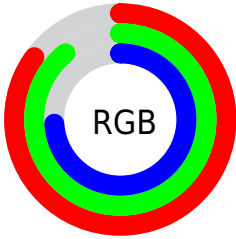
Format	Color
RYB	189, 228, 199
Decimal	14345405
CIELab	88.95, -9.95, 17.93
CIELCh	89, 20.507, 119.039
Yxy	74.0664, 0.3311, 0.3724
Android (android.graphics.Color)	4292535485 (0xFFDAE4BD)
YUV	220.5640, -15.5611, -2.2486
Hunter-Lab	86.0618, -14.0247, 19.6170

Details

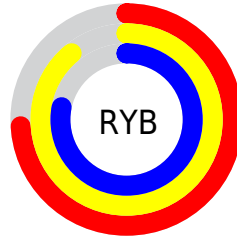
The Yxy color **74.0664, 0.3311, 0.3724** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.1333, 0.2922, 0.2837**, and the grayscale version is **72.0989, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **39.4512, 0.3348, 0.3829** is the 20% darker color. If you saturate the color by 10%, you get **72.2747, 0.3418, 0.3993**, and if you desaturate by 10%, it is **76.0518, 0.3203, 0.3465**.

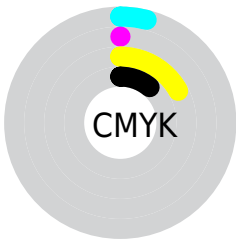
Distribution



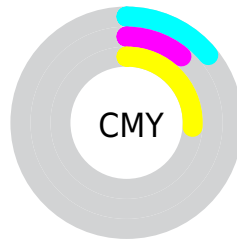
- Red (85%)
- Green (89%)
- Blue (74%)



- Red (74%)
- Yellow (89%)
- Blue (78%)



- Cyan (4%)
- Magenta (0%)
- Yellow (17%)
- Black (11%)




- Cyan (14%)
- Magenta (11%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.0664, 0.3311, 0.3724 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 74.0664, 0.3311, 0.3724 by changing the saturation by 10% instead.

 74.0664, 0.3311,
0.3724

 74.0664, 0.3311,
0.3724

474.7025, 0.3228,
0.3520

 54.8484, 0.3329,
0.3771


 124.9899, 0.3283,
0.3653

 39.2803, 0.3351,
0.3830


157.4642, 0.3272,
0.3625

 26.9779, 0.3379,
0.3905


195.1261, 0.3262,
0.3601

 17.5566, 0.3414,
0.4004

238.3599, 0.3254,
0.3581

 10.6321, 0.3459,
0.4139

287.5501, 0.3246,
0.3563

 5.8201, 0.3519,
0.4337

343.0809, 0.3240,

 2.7360, 0.3598,

0.3547

0.4647

405.3370, 0.3234,
0.3533

0.9955, 0.4126,
0.5874

0.0000, 0.0000,
0.0000

74.0664, 0.3311,
0.3724

74.0664, 0.3311,
0.3724

72.2747, 0.3418,
0.3993

76.0518, 0.3203,
0.3465

70.6592, 0.3519,
0.4265

78.2281, 0.3097,
0.3221

69.2152, 0.3610,
0.4530

80.4496, 0.3009,
0.3018

67.9337, 0.3684,
0.4778

81.4588, 0.3048,
0.3021

■ 66.8049, 0.3739,
0.4996

■ 82.5007, 0.3086,
0.3024

■ 65.8177, 0.3768,
0.5174

■ 83.5755, 0.3126,
0.3028

■ 64.9593, 0.3772,
0.5306

■ 83.9629, 0.3139,
0.3029

■ 64.2128, 0.3751,
0.5390

■ 64.0094, 0.3743,
0.5410

Harmonies

Analogous

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



74.0664, 0.3513, 0.3688



74.0664, 0.3311, 0.3724



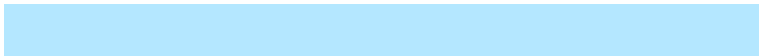
74.0664, 0.3065, 0.3632

Triad

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



74.0664, 0.3311, 0.3724



74.0664, 0.2664, 0.3009



74.0664, 0.3413, 0.3144

Complementary

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



74.0664, 0.3311, 0.3724



54.1333, 0.2922, 0.2837

Split Complementary

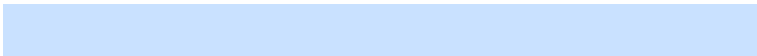
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.0664, 0.3175, 0.2979



74.0664, 0.3311, 0.3724



74.0664, 0.2748, 0.2898

Square

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



74.0664, 0.3311, 0.3724



74.0664, 0.2698, 0.3205



74.0664, 0.2932, 0.2890



74.0664, 0.3576, 0.3348

Rectangle

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



74.0664, 0.3311, 0.3724



74.0664, 0.2910, 0.3510



74.0664, 0.2932, 0.2890



74.0664, 0.3339, 0.3083

Sweetspot

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



74.0696, 0.3311, 0.3724



98.5941, 0.3181, 0.3413



60.8995, 0.3436, 0.3400



21.0620, 0.3188, 0.3431



0.0000, 0.0000, 0.0000



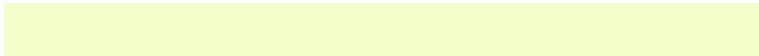
21.4041, 0.3127, 0.3290

Same Dimension

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



74.0696, 0.3311, 0.3724



94.5185, 0.3354, 0.3832



71.2653, 0.3173, 0.3743



16.6224, 0.3228, 0.3525



37.0233, 0.3750, 0.5405



2.7795, 0.3817, 0.5351

Inverse Universe

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



54.1333, 0.2922, 0.2837



63.6675, 0.2866, 0.2719



56.9412, 0.3070, 0.2857



14.0640, 0.3020, 0.3050



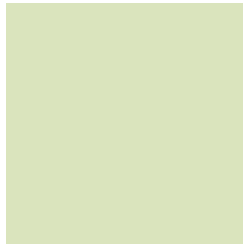
3.8047, 0.1652, 0.0684



0.3247, 0.1800, 0.0765

Previews

White Background



This preview shows how the Yxy color 74.0664, 0.3311, 0.3724 looks on a white background.

Color Contrast Check

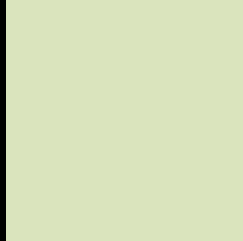
Large Text (above 18pt) WCAG AA × Fail

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 74.0664, 0.3311, 0.3724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

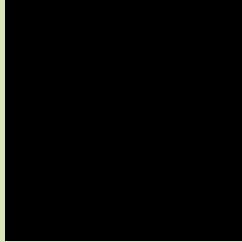
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

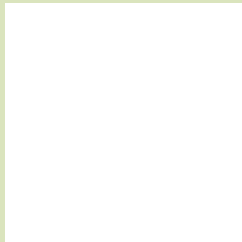
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0664, 0.3311, 0.3724

Background



This preview shows how black text looks on a background with the Yxy color 74.0664, 0.3311, 0.3724.



This preview shows how white text looks on a background with the Yxy color 74.0664, 0.3311, 0.3724.

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

74.0664, 0.3311, 0.3724

Protanopia

73.9827, 0.3466, 0.3689

Deuteranopia

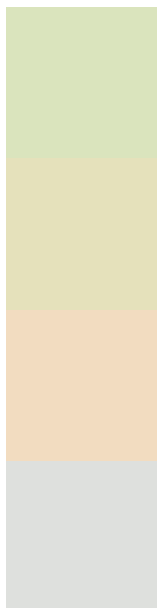
73.7111, 0.3586, 0.3517



Tritanopia

73.9524, 0.3039, 0.3100

Trichromacy



Original Color

74.0664, 0.3311, 0.3724

Protanomaly

74.0963, 0.3410, 0.3704

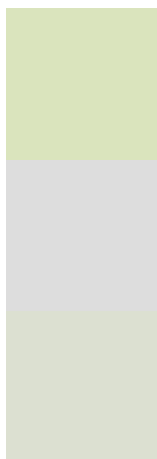
Deuteranomaly

73.8694, 0.3483, 0.3587

Tritanomaly

74.0614, 0.3133, 0.3322

Monochromacy



Original Color

74.0664, 0.3311, 0.3724

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.1304, 0.3197, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0664, 0.3311, 0.3724 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, 228, 189)` looks like.

```
.text, #text, p{  
    color:rgb(218, 228, 189)  
}
```

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, 228, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 228, 189) }
```

Border

The CSS property to change the border of an element to Yxy 74.0664, 0.3311, 0.3724 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, 228, 189) }
```

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

```
.border{ border-color:rgb(218, 228, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 228, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 228, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 228, 189);  
box-shadow:4px 4px 4px 4px rgb(218, 228,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0664, 0.3311, 0.3724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 228, 189) }
```

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

```
.background{ background-color: rgb(218,  
228, 189) }
```

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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