

Converting Colors

$Yxy(75.2778, 0.3313, 0.3663)$

Have a look what the booklet for
Yxy(75.2778, 0.3313, 0.3663)
contains.

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Color

Yxy(75.0698, 0.3314, 0.3663)

Conversions

Conversions Part 1

Format	Color
Hex	DFE4C2
RGB	223, 228, 194
RGB Percent	87%, 89%, 76%
CMY	0.1254, 0.1059, 0.2392
CMYK	0.02, 0.00, 0.15, 0.11
HSL	69°, 39%, 83%
HSV	69°, 15%, 89%
XYZ	67.9174, 75.0698, 61.9536
YIQ	222.6290, 7.9340, -11.6340

Conversions

Conversions Part 2

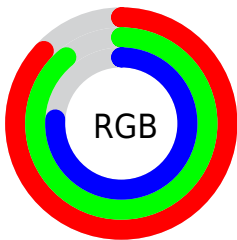
Format	Color
RYB	194, 228, 199
Decimal	14673090
CIELab	89.43, -7.41, 16.04
CIELCh	89, 17.669, 114.799
Yxy	75.0698, 0.3314, 0.3663
Android (android.graphics.Color)	4292863170 (0xFFDFE4C2)
YUV	222.6290, -14.1141, 0.3254
Hunter-Lab	86.6428, -11.7028, 18.2549

Details

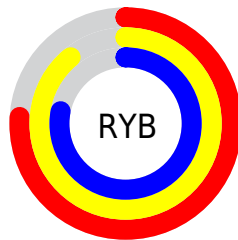
The Yxy color **75.0698, 0.3314, 0.3663** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **56.3297, 0.2923, 0.2897**, and the grayscale version is **73.6168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **40.1054, 0.3361, 0.3762** is the 20% darker color. If you saturate the color by 10%, you get **73.6004, 0.3440, 0.3924**, and if you desaturate by 10%, it is **76.7134, 0.3188, 0.3410**.

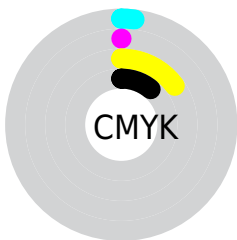
Distribution



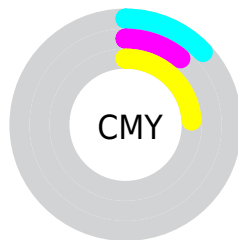
- Red (87%)
- Green (89%)
- Blue (76%)



- Red (76%)
- Yellow (89%)
- Blue (78%)



- Cyan (2%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)





- Cyan (13%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.0698, 0.3314, 0.3663 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 75.0698, 0.3314, 0.3663 by changing the saturation by 10% instead.


 75.0698, 0.3314,
0.3663

 75.0698, 0.3314,
0.3663


478.1574, 0.3229,
0.3489

 55.6701, 0.3333,
0.3703

 126.4112, 0.3285,
0.3602

 39.9385, 0.3356,
0.3753


159.1216, 0.3274,
0.3579

 27.4906, 0.3385,
0.3816


197.0377, 0.3264,
0.3559

 17.9420, 0.3421,
0.3899

240.5439, 0.3255,
0.3541

 10.9084, 0.3470,
0.4013

290.0246, 0.3248,
0.3526

 6.0052, 0.3536,
0.4177

345.8641, 0.3241,

 2.8483, 0.3630,

0.3512

0.4434

408.4470, 0.3235,
0.3500

■ 1.0530, 0.4316,
0.5605

■ 0.0000, 0.0000,
0.0000

■ 75.0698, 0.3314,
0.3663

■ 75.0698, 0.3314,
0.3663

■ 73.6004, 0.3440,
0.3924

■ 76.7134, 0.3188,
0.3410

■ 72.2882, 0.3563,
0.4185

■ 78.5281, 0.3065,
0.3169

■ 71.1287, 0.3676,
0.4438

■ 80.0371, 0.2993,
0.3017

■ 70.1135, 0.3775,
0.4671

■ 80.6048, 0.3015,
0.3018

69.2332, 0.3853,
0.4874

81.1832, 0.3037,
0.3020

68.4773, 0.3908,
0.5039

81.7723, 0.3059,
0.3022

67.8338, 0.3936,
0.5158

82.3723, 0.3082,
0.3024

67.2876, 0.3939,
0.5233

82.9831, 0.3104,
0.3026

67.0348, 0.3934,
0.5259

83.6049, 0.3126,
0.3028

Harmonies

Analogous

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



75.0698, 0.3477, 0.3620



75.0698, 0.3314, 0.3663



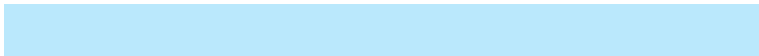
75.0698, 0.3105, 0.3599

Triad

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



75.0698, 0.3314, 0.3663



75.0698, 0.2726, 0.3070



75.0698, 0.3346, 0.3142

Complementary

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



75.0698, 0.3314, 0.3663



56.3297, 0.2923, 0.2897

Split Complementary

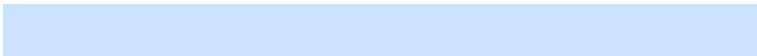
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.0698, 0.3139, 0.3006



75.0698, 0.3314, 0.3663



75.0698, 0.2785, 0.2961

Square

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



75.0698, 0.3314, 0.3663



75.0698, 0.2770, 0.3246



75.0698, 0.2934, 0.2940



75.0698, 0.3497, 0.3316

Rectangle

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



75.0698, 0.3314, 0.3663



75.0698, 0.2968, 0.3502



75.0698, 0.2934, 0.2940



75.0698, 0.3281, 0.3090

Sweetspot

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



75.0731, 0.3314, 0.3663



99.0780, 0.3177, 0.3388



61.0254, 0.3398, 0.3341



21.1705, 0.3186, 0.3407



0.0000, 0.0000, 0.0000



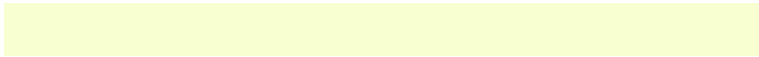
21.4041, 0.3127, 0.3290

Same Dimension

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



75.0731, 0.3314, 0.3663



96.1352, 0.3355, 0.3746



72.5715, 0.3195, 0.3677



16.7046, 0.3245, 0.3524



38.7491, 0.3938, 0.5255



2.8927, 0.3977, 0.5224

Inverse Universe

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



56.3297, 0.2923, 0.2897



67.4423, 0.2874, 0.2803



58.7175, 0.3048, 0.2911



13.9880, 0.3003, 0.3049



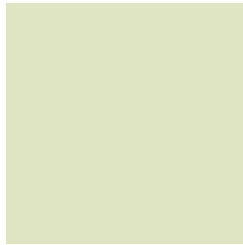
3.4561, 0.1560, 0.0633



0.2872, 0.1674, 0.0696

Previews

White Background



This preview shows how the Yxy color 75.0698, 0.3314, 0.3663 looks on a white background.

Color Contrast Check

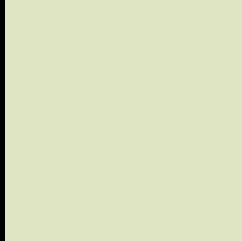
Large Text (above 18pt) WCAG AA × Fail

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 75.0698, 0.3314, 0.3663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

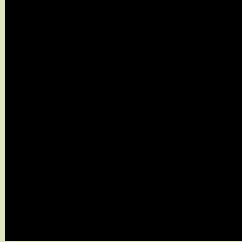
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

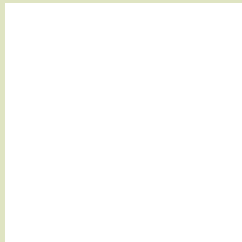
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.0698, 0.3314, 0.3663

Background



This preview shows how black text looks on a background with the Yxy color 75.0698, 0.3314, 0.3663.

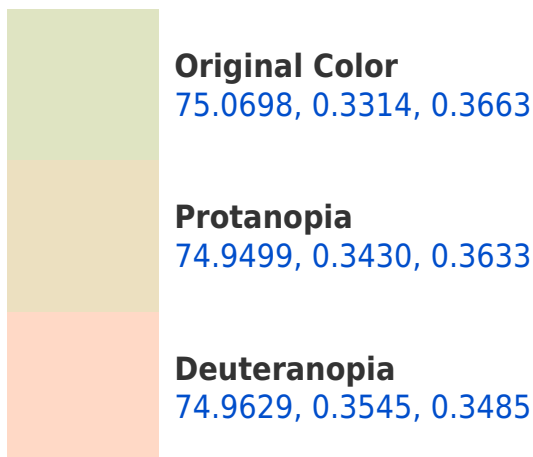


This preview shows how white text looks on a background with the Yxy color 75.0698, 0.3314, 0.3663.

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

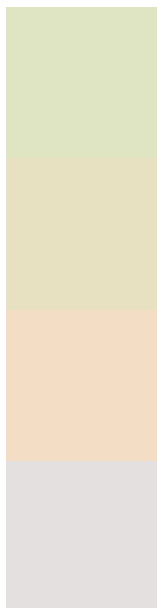




Tritanopia

75.1326, 0.3066, 0.3112

Trichromacy



Original Color

75.0698, 0.3314, 0.3663

Protanomaly

74.6896, 0.3384, 0.3636

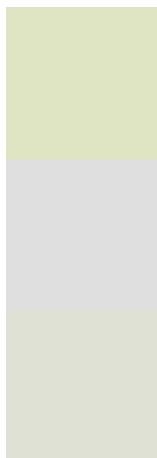
Deuteranomaly

74.7988, 0.3453, 0.3543

Tritanomaly

74.9699, 0.3155, 0.3301

Monochromacy



Original Color

75.0698, 0.3314, 0.3663

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.2919, 0.3198, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0698, 0.3314, 0.3663 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(223, 228, 194)` looks like.

```
.text, #text, p{  
    color:rgb(223, 228, 194)  
}
```

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(223, 228, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 228, 194) }
```

Border

The CSS property to change the border of an element to Yxy 75.0698, 0.3314, 0.3663 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(223, 228, 194) }
```

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

```
.border{ border-color:rgb(223, 228, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 228, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 228, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 228, 194);  
box-shadow:4px 4px 4px 4px rgb(223, 228,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0698, 0.3314, 0.3663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 228, 194) }
```

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

```
.background{ background-color: rgb(223,  
228, 194) }
```

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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