

Converting Colors

$Yxy(74.7118, 0.3288, 0.3607)$

Have a look what the booklet for
Yxy(74.7118, 0.3288, 0.3607)
contains.

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Color

Yxy(74.7034, 0.3289, 0.3608)

Conversions

Conversions Part 1

Format	Color
Hex	DFE3C6
RGB	223, 227, 198
RGB Percent	87%, 89%, 78%
CMY	0.1254, 0.1098, 0.2236
CMYK	0.02, 0.00, 0.13, 0.11
HSL	68°, 34%, 83%
HSV	68°, 13%, 89%
XYZ	68.0985, 74.7034, 64.2474
YIQ	222.4980, 6.9250, -9.8670

Conversions

Conversions Part 2

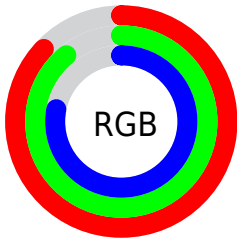
Format	Color
R _Y B	198, 227, 202
Decimal	14672838
CIE Lab	89.25, -6.27, 13.72
CIE LCh	89, 15.088, 114.567
Yxy	74.7034, 0.3289, 0.3608
Android (android.graphics.Color)	4292862918 (0xFFDFE3C6)
YUV	222.4980, -12.0775, 0.4403
Hunter-Lab	86.4311, -10.6155, 16.4294

Details

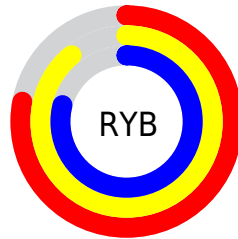
The Yxy color **74.7034, 0.3289, 0.3608** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **58.4791, 0.2953, 0.2957**, and the grayscale version is **73.5048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8435, 0.3329, 0.3691** is the 20% darker color. If you saturate the color by 10%, you get **73.2474, 0.3417, 0.3867**, and if you desaturate by 10%, it is **76.3319, 0.3162, 0.3357**.

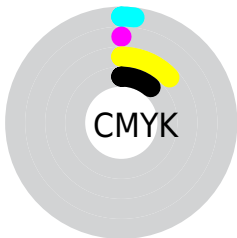
Distribution



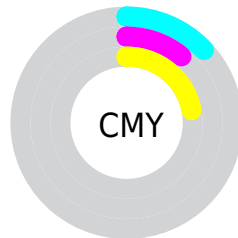
- Red (87%)
- Green (89%)
- Blue (78%)



- Red (78%)
- Yellow (89%)
- Blue (79%)



- Cyan (2%)
- Magenta (0%)
- Yellow (13%)
- Black (11%)



- Cyan (13%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.7034, 0.3289, 0.3608 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 74.7034, 0.3289, 0.3608 by changing the saturation by 10% instead.

■ 74.7034, 0.3289,
0.3608

■ 74.7034, 0.3289,
0.3608

476.8975, 0.3215,
0.3460

■ 55.3699, 0.3305,
0.3642

125.8924, 0.3264,
0.3556

■ 39.6980, 0.3326,
0.3684

158.5168, 0.3254,
0.3536

■ 27.3031, 0.3351,
0.3738

196.3402, 0.3245,
0.3519

■ 17.8010, 0.3384,
0.3809

239.7471, 0.3238,
0.3504

■ 10.8072, 0.3427,
0.3906

289.1219, 0.3231,
0.3491

■ 5.9374, 0.3487,
0.4047

344.8490, 0.3225,

■ 2.8070, 0.3575,

0.3479

0.4268

407.3127, 0.3220,
0.3469

■ 1.0318, 0.4086,
0.5137

■ 0.0000, 0.0000,
0.0000

■ 74.7034, 0.3289,
0.3608

■ 74.7034, 0.3289,
0.3608

■ 73.2474, 0.3417,
0.3867

■ 76.3319, 0.3162,
0.3357

■ 71.9472, 0.3543,
0.4128


■ 78.1298, 0.3039,
0.3120


■ 70.7985, 0.3660,
0.4382

■ 79.3717, 0.2988,
0.3006

■ 69.7932, 0.3764,
0.4619


■ 79.8973, 0.3009,
0.3008

 68.9221, 0.3849,
0.4827

 80.4321, 0.3029,
0.3009


 68.1753, 0.3911,
0.4999

 80.9762, 0.3050,
0.3011

 67.5412, 0.3946,
0.5126

 81.5296, 0.3071,
0.3013

 67.0057, 0.3956,
0.5208

 82.0924, 0.3092,
0.3015

 66.6642, 0.3951,
0.5245

 82.6646, 0.3113,
0.3017

Harmonies

Analogous

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



74.7034, 0.3427, 0.3572



74.7034, 0.3289, 0.3608



74.7034, 0.3110, 0.3554

Triad

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



74.7034, 0.3289, 0.3608



74.7034, 0.2783, 0.3104



74.7034, 0.3314, 0.3162

Complementary

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



74.7034, 0.3289, 0.3608



58.4791, 0.2953, 0.2957

Split Complementary

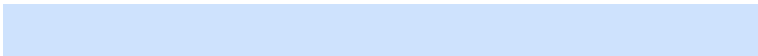
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.7034, 0.3136, 0.3045



74.7034, 0.3289, 0.3608



74.7034, 0.2833, 0.3009

Square

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



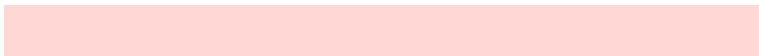
74.7034, 0.3289, 0.3608



74.7034, 0.2821, 0.3255



74.7034, 0.2961, 0.2989



74.7034, 0.3443, 0.3312

Rectangle

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



74.7034, 0.3289, 0.3608



74.7034, 0.2993, 0.3472



74.7034, 0.2961, 0.2989



74.7034, 0.3257, 0.3118

Sweetspot

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



74.7067, 0.3289, 0.3608



99.0966, 0.3178, 0.3388



62.5807, 0.3354, 0.3334



21.1752, 0.3187, 0.3407



0.0000, 0.0000, 0.0000



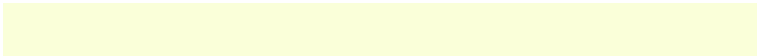
21.4041, 0.3127, 0.3290

Same Dimension

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



74.7067, 0.3289, 0.3608



96.7974, 0.3319, 0.3668



72.5148, 0.3186, 0.3618



16.7120, 0.3246, 0.3524



38.9171, 0.3955, 0.5242



2.9036, 0.3992, 0.5213

Inverse Universe

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



58.4791, 0.2953, 0.2957



72.2441, 0.2918, 0.2891



60.5824, 0.3061, 0.2968



13.9813, 0.3001, 0.3048



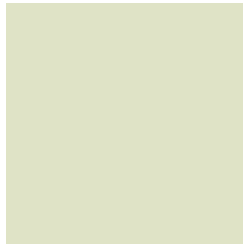
3.4340, 0.1555, 0.0630



0.2841, 0.1663, 0.0690

Previews

White Background



This preview shows how the Yxy color 74.7034, 0.3289, 0.3608 looks on a white background.

Color Contrast Check

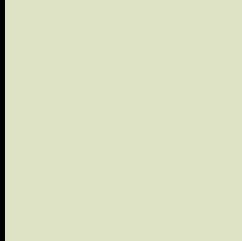
Large Text (above 18pt) WCAG AA × Fail

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 74.7034, 0.3289, 0.3608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

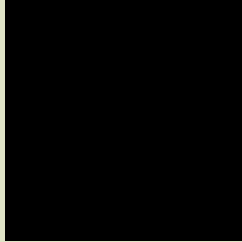
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

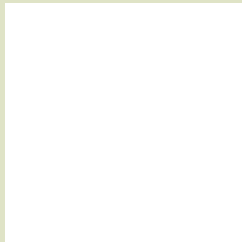
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.7034, 0.3289, 0.3608

Background



This preview shows how black text looks on a background with the Yxy color 74.7034, 0.3289, 0.3608.

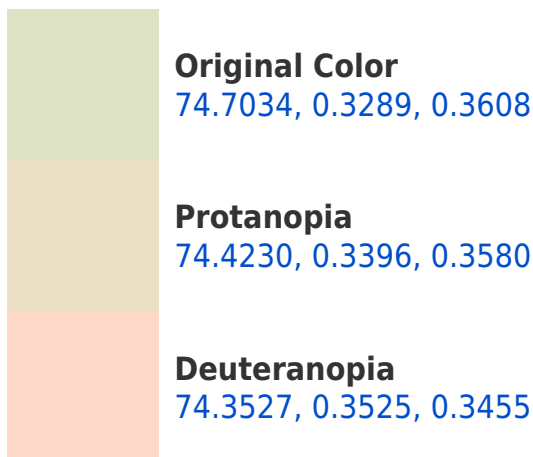


This preview shows how white text looks on a background with the Yxy color 74.7034, 0.3289, 0.3608.

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

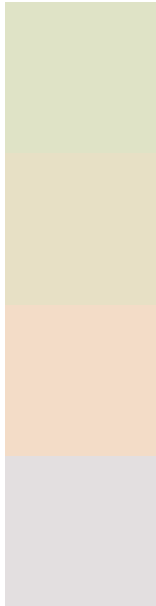




Tritanopia

74.6029, 0.3066, 0.3102

Trichromacy



Original Color

74.7034, 0.3289, 0.3608

Protanomaly

74.3315, 0.3358, 0.3582

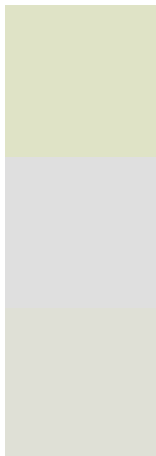
Deuteranomaly

74.3646, 0.3441, 0.3511

Tritanomaly

74.4881, 0.3149, 0.3279

Monochromacy



Original Color

74.7034, 0.3289, 0.3608

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.8543, 0.3186, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7034, 0.3289, 0.3608 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, 227, 198)` looks like.

```
.text, #text, p{  
    color:rgb(223, 227, 198)  
}
```

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, 227, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 227, 198) }
```

Border

The CSS property to change the border of an element to Yxy 74.7034, 0.3289, 0.3608 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, 227, 198) }
```

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

```
.border{ border-color:rgb(223, 227, 198) }
```

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

Here you see how a box with a 4 pixel rgb(223, 227, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 227, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 227, 198);  
box-shadow:4px 4px 4px 4px rgb(223, 227,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7034, 0.3289, 0.3608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 227, 198) }
```

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

```
.background{ background-color: rgb(223,  
227, 198) }
```

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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