

Converting Colors

$Yxy(75.2814, 0.3287, 0.3683)$

Have a look what the booklet for
Yxy(75.2814, 0.3287, 0.3683)
contains.

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Color

Yxy(74.9937, 0.3284, 0.3677)

Conversions

Conversions Part 1

Format	Color
Hex	DBE5C2
RGB	219, 229, 194
RGB Percent	86%, 90%, 76%
CMY	0.1410, 0.1020, 0.2392
CMYK	0.04, 0.00, 0.15, 0.10
HSL	77°, 40%, 83%
HSV	77°, 15%, 90%
XYZ	66.9783, 74.9937, 61.9815
YIQ	222.0200, 5.2750, -13.0050

Conversions

Conversions Part 2

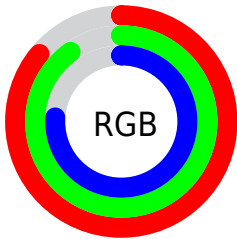
Format	Color
RYB	194, 229, 204
Decimal	14411202
CIELab	89.39, -9.33, 15.95
CIELCh	89, 18.479, 120.313
Yxy	74.9937, 0.3284, 0.3677
Android (android.graphics.Color)	4292601282 (0xFFDBE5C2)
YUV	222.0200, -13.8139, -2.6485
Hunter-Lab	86.5989, -13.4905, 18.1836

Details

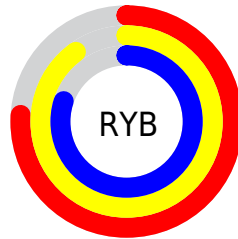
The Yxy color **74.9937, 0.3284, 0.3677** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **57.0702, 0.2954, 0.2890**, and the grayscale version is **73.1638, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **40.0581, 0.3321, 0.3782** is the 20% darker color. If you saturate the color by 10%, you get **73.0550, 0.3386, 0.3947**, and if you desaturate by 10%, it is **77.1370, 0.3181, 0.3420**.

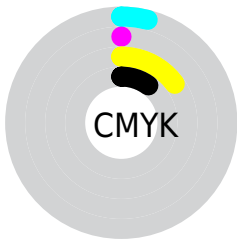
Distribution



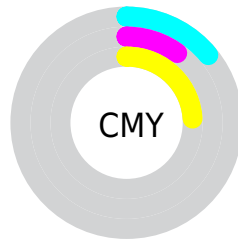
- Red (86%)
- Green (90%)
- Blue (76%)



- Red (76%)
- Yellow (90%)
- Blue (80%)



- Cyan (4%)
- Magenta (0%)
- Yellow (15%)
- Black (10%)



- Cyan (14%)
- Magenta (10%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.9937, 0.3284, 0.3677 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 74.9937, 0.3284, 0.3677 by changing the saturation by 10% instead.

74.9937, 0.3284,
0.3677

74.9937, 0.3284,
0.3677

477.8959, 0.3213,
0.3496

55.6077, 0.3300,
0.3719

126.3034, 0.3260,
0.3614

39.8885, 0.3319,
0.3771

158.9960, 0.3250,
0.3589

27.4516, 0.3342,
0.3837

196.8929, 0.3242,
0.3568

17.9127, 0.3372,
0.3924

240.3785, 0.3235,
0.3550

10.8873, 0.3411,
0.4044

289.8372, 0.3229,
0.3534

5.9911, 0.3463,
0.4219

345.6534, 0.3223,

2.8397, 0.3535,

0.3520

0.4494

408.2115, 0.3218,
0.3507

■ 1.0486, 0.4165,
0.5744

■ 0.0000, 0.0000,
0.0000

■ 74.9937, 0.3284,
0.3677

■ 74.9937, 0.3284,
0.3677

■ 73.0550, 0.3386,
0.3947

■ 77.1370, 0.3181,
0.3420

■ 71.3035, 0.3483,
0.4222


■ 79.4824, 0.3080,
0.3179

■ 69.7341, 0.3571,
0.4493


■ 81.5342, 0.3029,
0.3030


■ 68.3380, 0.3644,
0.4750


■ 82.6861, 0.3073,
0.3033


 67.1052, 0.3697,
0.4981


 83.8792, 0.3116,
0.3037

 66.0247, 0.3726,
0.5173

 84.5160, 0.3139,
0.3039

 65.0837, 0.3729,
0.5319

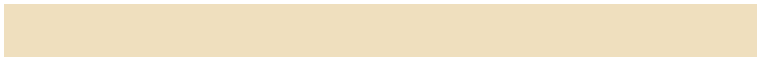
 64.2665, 0.3708,
0.5416

 63.9122, 0.3692,
0.5450

Harmonies

Analogous

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



74.9937, 0.3468, 0.3651



74.9937, 0.3284, 0.3677



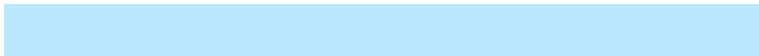
74.9937, 0.3063, 0.3590

Triad

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



74.9937, 0.3284, 0.3677



74.9937, 0.2711, 0.3032



74.9937, 0.3392, 0.3166

Complementary

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



74.9937, 0.3284, 0.3677



57.0702, 0.2954, 0.2890

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.



74.9937, 0.3180, 0.3015



74.9937, 0.3284, 0.3677



74.9937, 0.2792, 0.2935

Square

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



74.9937, 0.3284, 0.3677



74.9937, 0.2737, 0.3206



74.9937, 0.2961, 0.2931



74.9937, 0.3533, 0.3351

Rectangle

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



74.9937, 0.3284, 0.3677



74.9937, 0.2924, 0.3479



74.9937, 0.2961, 0.2931



74.9937, 0.3326, 0.3110

Sweetspot

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



74.9970, 0.3284, 0.3677



98.5244, 0.3178, 0.3413



63.6968, 0.3397, 0.3401



21.0450, 0.3186, 0.3431



0.0000, 0.0000, 0.0000



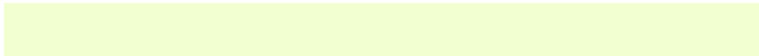
21.4041, 0.3127, 0.3290

Same Dimension

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



74.9970, 0.3284, 0.3677



94.9953, 0.3313, 0.3752



72.4290, 0.3160, 0.3692



16.6004, 0.3224, 0.3525



36.6074, 0.3700, 0.5444



2.7516, 0.3774, 0.5385

Inverse Universe

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



57.0702, 0.2954, 0.2890



68.4246, 0.2917, 0.2810



59.6763, 0.3086, 0.2906



14.0847, 0.3024, 0.3050



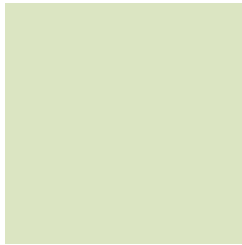
3.9326, 0.1685, 0.0702



0.3365, 0.1839, 0.0786

Previews

White Background



This preview shows how the Yxy color 74.9937, 0.3284, 0.3677 looks on a white background.

Color Contrast Check

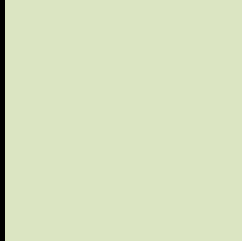
Large Text (above 18pt) WCAG AA × Fail

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 74.9937, 0.3284, 0.3677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

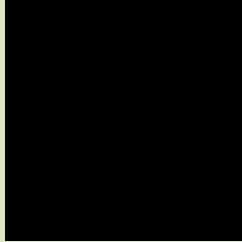
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

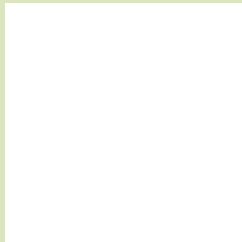
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.9937, 0.3284, 0.3677

Background



This preview shows how black text looks on a background with the Yxy color 74.9937, 0.3284, 0.3677.

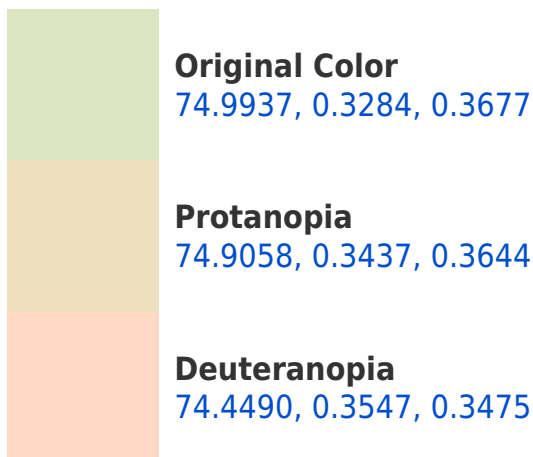


This preview shows how white text looks on a background with the Yxy color 74.9937, 0.3284, 0.3677.

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

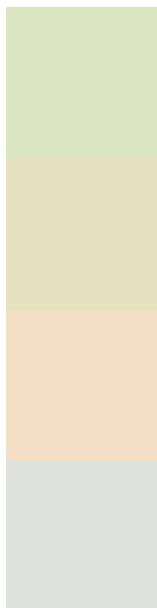




Tritanopia

74.7026, 0.3039, 0.3101

Trichromacy



Original Color

74.9937, 0.3284, 0.3677

Protanomaly

75.0215, 0.3382, 0.3659

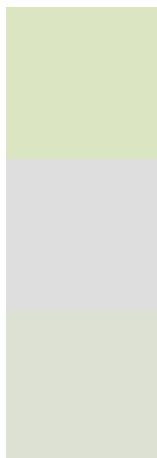
Deuteranomaly

74.6214, 0.3445, 0.3544

Tritanomaly

74.8661, 0.3126, 0.3311

Monochromacy



Original Color

74.9937, 0.3284, 0.3677

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.9760, 0.3184, 0.3432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9937, 0.3284, 0.3677 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(219, 229, 194)` looks like.

```
.text, #text, p{  
    color:rgb(219, 229, 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(219, 229, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 229, 194) }
```

Border

The CSS property to change the border of an element to Yxy 74.9937, 0.3284, 0.3677 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(219, 229, 194) }
```

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

```
.border{ border-color:rgb(219, 229, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 229, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 229, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 229, 194);  
box-shadow:4px 4px 4px 4px rgb(219, 229,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9937, 0.3284, 0.3677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 229, 194) }
```

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

```
.background{ background-color: rgb(219,  
229, 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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