

Converting Colors

$Yxy(73.7125, 0.3286, 0.3872)$

Have a look what the booklet for
Yxy(73.7125, 0.3286, 0.3872)
contains.

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Color

Yxy(73.7125, 0.3286, 0.3872)

Conversions

Conversions Part 1

Format	Color
Hex	CFE7B4
RGB	207, 231, 180
RGB Percent	81%, 91%, 71%
CMY	0.1880, 0.0941, 0.2942
CMYK	0.10, 0.00, 0.22, 0.09
HSL	88°, 52%, 81%
HSV	88°, 22%, 91%
XYZ	62.5566, 73.7125, 54.1041
YIQ	218.0100, 2.0670, -20.9490

Conversions

Conversions Part 2

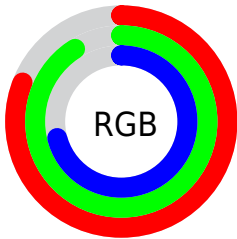
Format	Color
RYB	180, 231, 204
Decimal	13625268
CIELab	88.79, -16.74, 22.25
CIELCh	89, 27.848, 126.950
Yxy	73.7125, 0.3286, 0.3872
Android (android.graphics.Color)	4291815348 (0xFFCFE7B4)
YUV	218.0100, -18.7389, -9.6558
Hunter-Lab	85.8560, -20.1888, 22.7363

Details

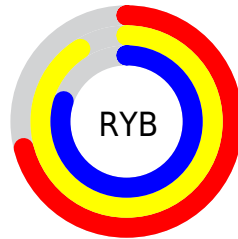
The Yxy color **73.7125, 0.3286, 0.3872** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **51.2341, 0.2937, 0.2705**, and the grayscale version is **70.2560, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **38.8677, 0.3315, 0.4013** is the 20% darker color. If you saturate the color by 10%, you get **71.3426, 0.3353, 0.4162**, and if you desaturate by 10%, it is **76.3529, 0.3215, 0.3597**.

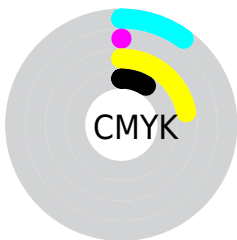
Distribution



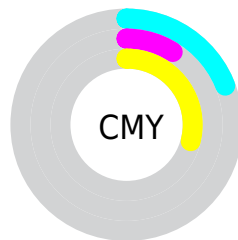
- Red (81%)
- Green (91%)
- Blue (71%)



- Red (71%)
- Yellow (91%)
- Blue (80%)



- Cyan (10%)
- Magenta (0%)
- Yellow (22%)
- Black (9%)




- Cyan (19%)
- Magenta (9%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.7125, 0.3286, 0.3872 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 73.7125, 0.3286, 0.3872 by changing the saturation by 10% instead.


 73.7125, 0.3286,
0.3872

 73.7125, 0.3286,
0.3872


473.4805, 0.3217,
0.3596

 54.5588, 0.3300,
0.3937


 124.4882, 0.3263,
0.3775

 39.0486, 0.3317,
0.4017


156.8789, 0.3254,
0.3737

 26.7975, 0.3338,
0.4121


194.4507, 0.3246,
0.3705

 17.4212, 0.3362,
0.4258

237.5881, 0.3239,
0.3678

 10.5353, 0.3390,
0.4447

286.6754, 0.3232,
0.3653

 5.7553, 0.3421,
0.4724

342.0969, 0.3227,

 2.6968, 0.3454,

0.3632

0.5184

404.2372, 0.3222,
0.3613

0.9756, 0.3459,
0.6541

0.0000, 0.0000,
0.0000

73.7125, 0.3286,
0.3872

73.7125, 0.3286,
0.3872

71.3426, 0.3353,
0.4162

76.3529, 0.3215,
0.3597

69.2237, 0.3412,
0.4459

79.2636, 0.3142,
0.3341

67.3484, 0.3458,
0.4752

82.4564, 0.3071,
0.3106

65.7051, 0.3486,
0.5027

84.7689, 0.3107,
0.3056

■ 64.2811, 0.3494,
0.5269

■ 85.6274, 0.3138,
0.3058

■ 63.0621, 0.3478,
0.5465

■ 62.0310, 0.3441,
0.5606

■ 61.3278, 0.3399,
0.5683

Harmonies

Analogous

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



73.7125, 0.3587, 0.3860



73.7125, 0.3286, 0.3872



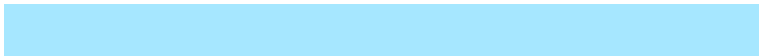
73.7125, 0.2953, 0.3702

Triad

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



73.7125, 0.3286, 0.3872



73.7125, 0.2521, 0.2854



73.7125, 0.3589, 0.3160

Complementary

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



73.7125, 0.3286, 0.3872



51.2341, 0.2937, 0.2705

Split Complementary

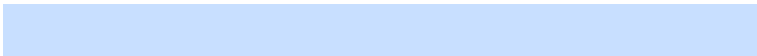
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.7125, 0.3280, 0.2924



73.7125, 0.3286, 0.3872



73.7125, 0.2669, 0.2747

Square

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



73.7125, 0.3286, 0.3872



73.7125, 0.2523, 0.3089



73.7125, 0.2942, 0.2776



73.7125, 0.3771, 0.3435

Rectangle

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



73.7125, 0.3286, 0.3872



73.7125, 0.2758, 0.3512



73.7125, 0.2942, 0.2776



73.7125, 0.3496, 0.3074

Sweetspot

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



73.7157, 0.3286, 0.3872



97.3488, 0.3178, 0.3465



63.3687, 0.3520, 0.3556



20.7895, 0.3183, 0.3480



0.0000, 0.0000, 0.0000



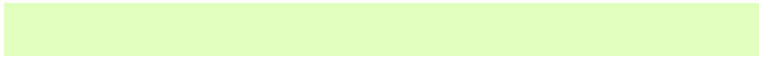
21.4041, 0.3127, 0.3290

Same Dimension

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



73.7157, 0.3286, 0.3872



91.0100, 0.3314, 0.3988



70.3496, 0.3110, 0.3904



16.4637, 0.3196, 0.3527



34.4585, 0.3410, 0.5674



2.6016, 0.3518, 0.5589

Inverse Universe

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



51.2341, 0.2937, 0.2705



58.6731, 0.2894, 0.2587



55.1134, 0.3139, 0.2740



14.2171, 0.3053, 0.3052



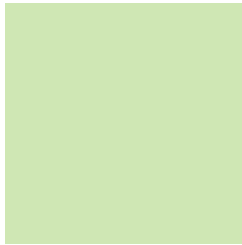
5.1088, 0.1967, 0.0857



0.4324, 0.2129, 0.0946

Previews

White Background



This preview shows how the Yxy color 73.7125, 0.3286, 0.3872 looks on a white background.

Color Contrast Check

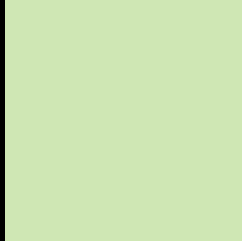
Large Text (above 18pt) WCAG AA × Fail

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 73.7125, 0.3286, 0.3872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

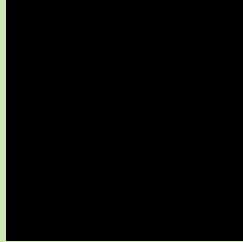
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

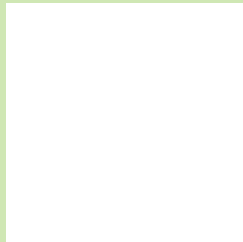
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.7125, 0.3286, 0.3872

Background



This preview shows how black text looks on a background with the Yxy color 73.7125, 0.3286, 0.3872.

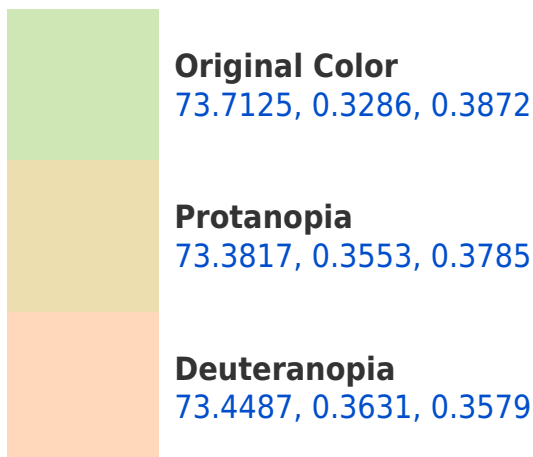


This preview shows how white text looks on a background with the Yxy color 73.7125, 0.3286, 0.3872.

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

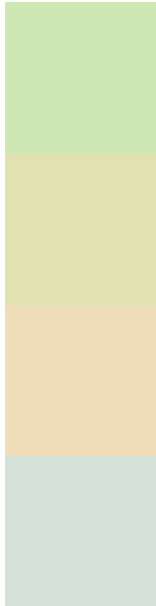




Tritanopia

73.6656, 0.2971, 0.3108

Trichromacy



Original Color

73.7125, 0.3286, 0.3872

Protanomaly

73.1935, 0.3456, 0.3819

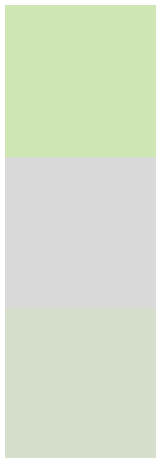
Deuteranomaly

73.3507, 0.3507, 0.3687

Tritanomaly

73.6008, 0.3088, 0.3378

Monochromacy



Original Color

73.7125, 0.3286, 0.3872

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.4311, 0.3188, 0.3503

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7125, 0.3286, 0.3872 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(207, 231, 180)` looks like.

```
.text, #text, p{  
    color:rgb(207, 231, 180)  
}
```

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(207, 231, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 231, 180) }
```

Border

The CSS property to change the border of an element to Yxy 73.7125, 0.3286, 0.3872 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(207, 231, 180) }
```

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

```
.border{ border-color:rgb(207, 231, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 231, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 231, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 231, 180);  
box-shadow:4px 4px 4px 4px rgb(207, 231,  
180) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 73.7125, 0.3286, 0.3872$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 231, 180) }
```

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

```
.background{ background-color: rgb(207,  
231, 180) }
```

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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