

Converting Colors

$Yxy(74.8520, 0.3089, 0.3538)$

Have a look what the booklet for
Yxy(74.8520, 0.3089, 0.3538)
contains.

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Color

Yxy(74.7344, 0.3089, 0.3537)

Conversions

Conversions Part 1

Format	Color
Hex	CDE7D1
RGB	205, 231, 209
RGB Percent	80%, 91%, 82%
CMY	0.1959, 0.0941, 0.1805
CMYK	0.11, 0.00, 0.10, 0.09
HSL	129°, 35%, 85%
HSV	129°, 11%, 91%
XYZ	65.2685, 74.7344, 71.2903
YIQ	220.7180, -8.4340, -12.3540

Conversions

Conversions Part 2

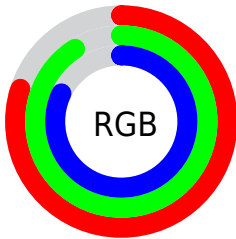
Format	Color
R_{YB}	205, 228, 231
Decimal	13494225
CIE Lab	89.27, -12.62, 7.83
CIE LCh	89, 14.853, 148.189
Yxy	74.7344, 0.3089, 0.3537
Android (android.graphics.Color)	4291684305 (0xFFCDE7D1)
YUV	220.7180, -5.7770, -13.7847
Hunter-Lab	86.4491, -16.5195, 11.6208

Details

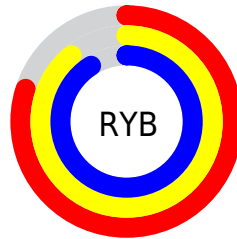
The Yxy color **74.7344, 0.3089, 0.3537** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.2237, 0.3168, 0.3055**, and the grayscale version is **72.1500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6058, 0.3078, 0.3585** is the 20% darker color. If you saturate the color by 10%, you get **70.7785, 0.3055, 0.3788**, and if you desaturate by 10%, it is **79.3011, 0.3123, 0.3315**.

Distribution



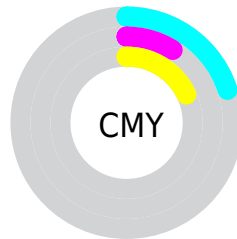
- Red (80%)
- Green (91%)
- Blue (82%)



- Red (80%)
- Yellow (89%)
- Blue (91%)



- Cyan (11%)
- Magenta (0%)
- Yellow (10%)
- Black (9%)





- Cyan (20%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.7344, 0.3089, 0.3537 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 74.7344, 0.3089, 0.3537 by changing the saturation by 10% instead.


 74.7344, 0.3089,
0.3537

 74.7344, 0.3089,
0.3537


477.0042, 0.3108,
0.3421

 55.3953, 0.3085,
0.3564


125.9363, 0.3096,
0.3496

 39.7183, 0.3079,
0.3597


158.5680, 0.3098,
0.3481

 27.3190, 0.3071,
0.3640


196.3992, 0.3100,
0.3467

 17.8129, 0.3061,
0.3697

239.8146, 0.3102,
0.3456

 10.8158, 0.3047,
0.3775

289.1983, 0.3104,
0.3445

 5.9431, 0.3025,
0.3890

344.9349, 0.3105,

 2.8105, 0.2988,

0.3436

0.4077

407.4087, 0.3106,
0.3428

■ 1.0336, 0.2938,
0.4552

■ 0.0000, 0.0000,
0.0000

■ 74.7344, 0.3089,
0.3537

■ 74.7344, 0.3089,
0.3537

■ 70.7785, 0.3055,
0.3788

■ 79.3011, 0.3123,
0.3315

■ 67.3984, 0.3021,
0.4066

■ 84.4931, 0.3156,
0.3122

■ 64.5700, 0.2990,
0.4368

■ 85.6293, 0.3138,
0.3058

■ 62.2638, 0.2964,
0.4684

■ 60.4474, 0.2946,
0.5001

■ 59.0848, 0.2938,
0.5299

■ 58.1352, 0.2940,
0.5559

■ 57.5500, 0.2953,
0.5763

■ 57.2705, 0.2969,
0.5888

Harmonies

Analogous

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



74.7344, 0.3266, 0.3601



74.7344, 0.3089, 0.3537



74.7344, 0.2925, 0.3401

Triad

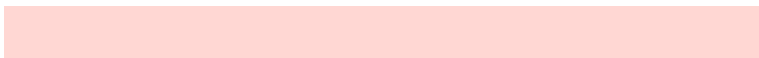
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.7344, 0.3089, 0.3537



74.7344, 0.2849, 0.3007



74.7344, 0.3448, 0.3331

Complementary

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



74.7344, 0.3089, 0.3537



66.2237, 0.3168, 0.3055

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.



74.7344, 0.3330, 0.3181



74.7344, 0.3089, 0.3537



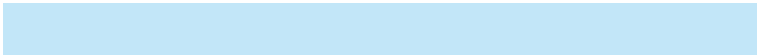
74.7344, 0.2982, 0.2997

Square

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



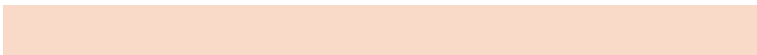
74.7344, 0.3089, 0.3537



74.7344, 0.2789, 0.3092



74.7344, 0.3158, 0.3060



74.7344, 0.3477, 0.3475

Rectangle

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



74.7344, 0.3089, 0.3537



74.7344, 0.2845, 0.3291



74.7344, 0.3158, 0.3060



74.7344, 0.3417, 0.3279

Sweetspot

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



74.7376, 0.3089, 0.3537



98.1667, 0.3117, 0.3353



77.9071, 0.3267, 0.3569



20.9094, 0.3114, 0.3370



0.0000, 0.0000, 0.0000



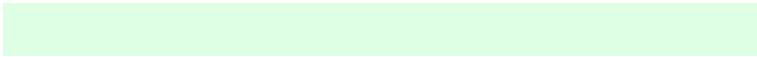
21.4041, 0.3127, 0.3290

Same Dimension

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



74.7376, 0.3089, 0.3537



92.5647, 0.3083, 0.3581



75.4046, 0.3010, 0.3390



16.1246, 0.3095, 0.3495



32.1194, 0.2964, 0.5870



2.3846, 0.2900, 0.5640

Inverse Universe

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



66.2237, 0.3168, 0.3055



80.3239, 0.3175, 0.3015



65.5356, 0.3261, 0.3192



14.5757, 0.3161, 0.3093



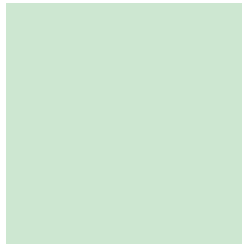
11.7741, 0.3632, 0.1774



0.8803, 0.3560, 0.1735

Previews

White Background



This preview shows how the Yxy color 74.7344, 0.3089, 0.3537 looks on a white background.

Color Contrast Check

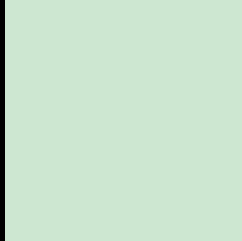
Large Text (above 18pt) WCAG AA × Fail

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 74.7344, 0.3089, 0.3537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

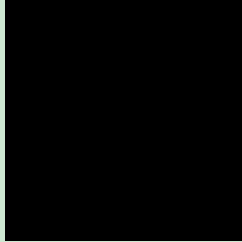
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

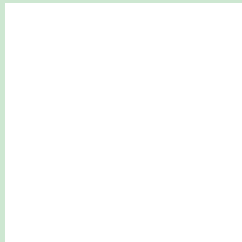
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.7344, 0.3089, 0.3537

Background



This preview shows how black text looks on a background with the Yxy color 74.7344, 0.3089, 0.3537.



This preview shows how white text looks on a background with the Yxy color 74.7344, 0.3089, 0.3537.

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

74.7344, 0.3089, 0.3537

Protanopia

74.3389, 0.3312, 0.3483

Deuteranopia

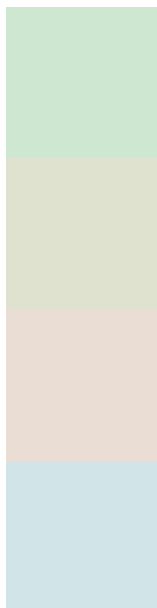
74.1892, 0.3407, 0.3332



Tritanopia

74.7733, 0.2915, 0.3097

Trichromacy



Original Color

74.7344, 0.3089, 0.3537

Protanomaly

74.3785, 0.3230, 0.3509

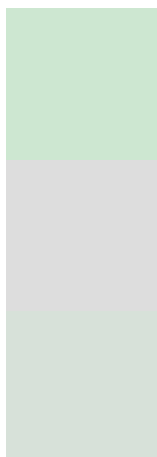
Deuteranomaly

73.9085, 0.3288, 0.3397

Tritanomaly

74.8116, 0.2980, 0.3257

Monochromacy



Original Color

74.7344, 0.3089, 0.3537

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.3073, 0.3109, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7344, 0.3089, 0.3537 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(205, 231, 209)` looks like.

```
.text, #text, p{  
    color:rgb(205, 231, 209)  
}
```

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(205, 231, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 231, 209) }
```

Border

The CSS property to change the border of an element to Yxy 74.7344, 0.3089, 0.3537 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(205, 231, 209) }
```

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

```
.border{ border-color:rgb(205, 231, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 231, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 231, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 231, 209);  
box-shadow:4px 4px 4px 4px rgb(205, 231,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7344, 0.3089, 0.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 231, 209) }
```

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

```
.background{ background-color: rgb(205,  
231, 209) }
```

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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