

Converting Colors

$Yxy(75.1218, 0.3091, 0.3432)$

Have a look what the booklet for
Yxy(75.1218, 0.3091, 0.3432)
contains.

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Color

Yxy(74.9935, 0.3093, 0.3433)

Conversions

Conversions Part 1

Format	Color
Hex	D4E5D8
RGB	212, 229, 216
RGB Percent	83%, 90%, 85%
CMY	0.1686, 0.1019, 0.1529
CMYK	0.07, 0.00, 0.06, 0.10
HSL	134°, 25%, 86%
HSV	134°, 7%, 90%
XYZ	67.5662, 74.9935, 75.8891
YIQ	222.4350, -5.9590, -7.6470

Conversions

Conversions Part 2

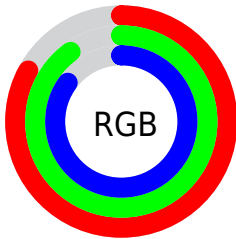
Format	Color
R _Y B	212, 226, 229
Decimal	13952472
CIE Lab	89.39, -8.03, 4.38
CIE LCh	89, 9.146, 151.375
Yxy	74.9935, 0.3093, 0.3433
Android (android.graphics.Color)	4292142552 (0xFFD4E5D8)
YUV	222.4350, -3.1725, -9.1515
Hunter-Lab	86.5988, -12.2783, 8.6615

Details

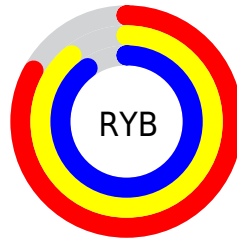
The Yxy color **74.9935, 0.3093, 0.3433** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.1808, 0.3163, 0.3151**, and the grayscale version is **73.3987, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.0134, 0.3083, 0.3478** is the 20% darker color. If you saturate the color by 10%, you get **70.9740, 0.3047, 0.3648**, and if you desaturate by 10%, it is **79.5984, 0.3139, 0.3244**.

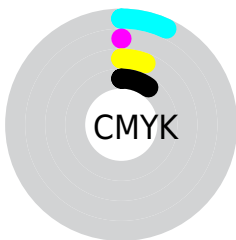
Distribution



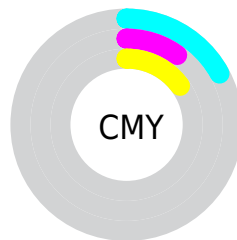
- Red (83%)
- Green (90%)
- Blue (85%)



- Red (83%)
- Yellow (89%)
- Blue (90%)



- Cyan (7%)
- Magenta (0%)
- Yellow (6%)
- Black (10%)





- Cyan (17%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.9935, 0.3093, 0.3433 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 74.9935, 0.3093, 0.3433 by changing the saturation by 10% instead.


 74.9935, 0.3093,
0.3433

 74.9935, 0.3093,
0.3433


477.8952, 0.3109,
0.3367

 55.6076, 0.3089,
0.3448


126.3032, 0.3099,
0.3410

 39.8884, 0.3085,
0.3467

158.9957, 0.3101,
0.3401

 27.4515, 0.3079,
0.3491


196.8925, 0.3103,
0.3393

 17.9126, 0.3071,
0.3523

240.3781, 0.3104,
0.3386

 10.8873, 0.3060,
0.3567

289.8367, 0.3106,
0.3381

 5.9911, 0.3043,
0.3631

345.6529, 0.3107,

 2.8397, 0.3017,

0.3375

0.3733

408.2109, 0.3108,
0.3371

■ 1.0486, 0.2971,
0.3933

■ 0.0000, 0.0000,
0.0000

■ 74.9935, 0.3093,
0.3433

■ 74.9935, 0.3093,
0.3433

■ 70.9740, 0.3047,
0.3648

■ 79.5984, 0.3139,
0.3244

■ 67.5071, 0.3002,
0.3887

■ 84.2661, 0.3164,
0.3077

■ 64.5711, 0.2961,
0.4151

■ 84.5211, 0.3139,
0.3039

■ 62.1395, 0.2925,
0.4432

■ 60.1831, 0.2899,
0.4724

■ 58.6699, 0.2885,
0.5013

■ 57.5637, 0.2885,
0.5284

■ 56.8223, 0.2899,
0.5522

■ 56.3907, 0.2925,
0.5713

Harmonies

Analogous

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



74.9935, 0.3203, 0.3478



74.9935, 0.3093, 0.3433



74.9935, 0.2994, 0.3348

Triad

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



74.9935, 0.3093, 0.3433



74.9935, 0.2962, 0.3112



74.9935, 0.3328, 0.3327

Complementary

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



74.9935, 0.3093, 0.3433



69.1808, 0.3163, 0.3151

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.



74.9935, 0.3261, 0.3232



74.9935, 0.3093, 0.3433



74.9935, 0.3049, 0.3109

Square

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



74.9935, 0.3093, 0.3433



74.9935, 0.2919, 0.3162



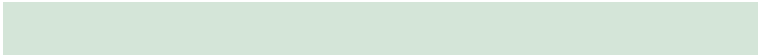
74.9935, 0.3159, 0.3153



74.9935, 0.3340, 0.3414

Rectangle

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



74.9935, 0.3093, 0.3433



74.9935, 0.2946, 0.3281



74.9935, 0.3159, 0.3153



74.9935, 0.3311, 0.3295

Sweetspot

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



74.9967, 0.3093, 0.3433



98.7972, 0.3118, 0.3327



76.8080, 0.3209, 0.3473



21.1593, 0.3118, 0.3326



0.0000, 0.0000, 0.0000



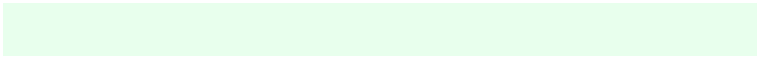
21.4041, 0.3127, 0.3290

Same Dimension

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



74.9967, 0.3093, 0.3433



94.8261, 0.3085, 0.3466



75.4454, 0.3040, 0.3339



16.1447, 0.3084, 0.3475



32.2084, 0.2925, 0.5731



2.3943, 0.2848, 0.5454

Inverse Universe

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



69.1808, 0.3163, 0.3151



85.8772, 0.3172, 0.3120



68.7308, 0.3222, 0.3241



14.5539, 0.3174, 0.3112



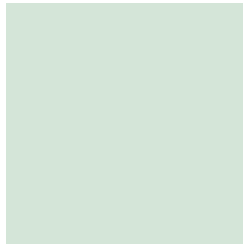
11.3115, 0.3912, 0.1929



0.8500, 0.3788, 0.1860

Previews

White Background



This preview shows how the Yxy color 74.9935, 0.3093, 0.3433 looks on a white background.

Color Contrast Check

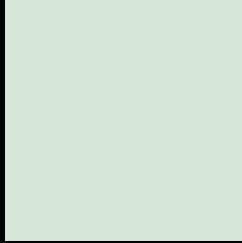
Large Text (above 18pt) WCAG AA × Fail

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 74.9935, 0.3093, 0.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

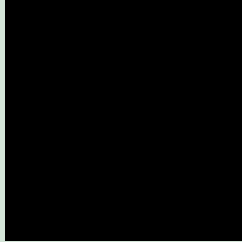
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

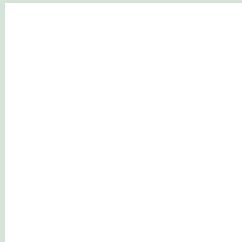
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.9935, 0.3093, 0.3433

Background



This preview shows how black text looks on a background with the Yxy color 74.9935, 0.3093, 0.3433.

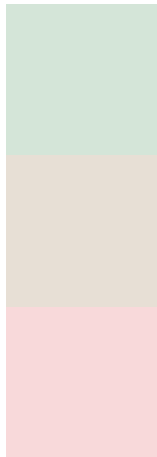


This preview shows how white text looks on a background with the Yxy color 74.9935, 0.3093, 0.3433.

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

74.9935, 0.3093, 0.3433

Protanopia

74.5684, 0.3251, 0.3397

Deuteranopia

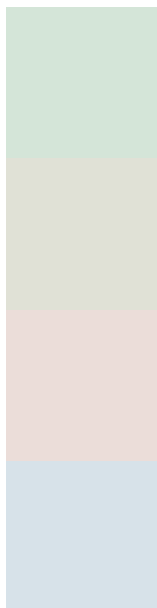
74.6441, 0.3348, 0.3280



Tritanopia

74.9204, 0.2953, 0.3098

Trichromacy



Original Color

74.9935, 0.3093, 0.3433

Protanomaly

74.5528, 0.3192, 0.3409

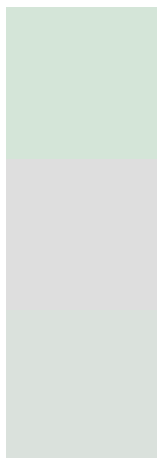
Deuteranomaly

74.3848, 0.3255, 0.3333

Tritanomaly

74.7230, 0.3008, 0.3214

Monochromacy



Original Color

74.9935, 0.3093, 0.3433

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.9232, 0.3111, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9935, 0.3093, 0.3433 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(212, 229, 216)` looks like.

```
.text, #text, p{  
    color:rgb(212, 229, 216)  
}
```

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(212, 229, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 229, 216) }
```

Border

The CSS property to change the border of an element to Yxy 74.9935, 0.3093, 0.3433 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(212, 229, 216) }
```

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

```
.border{ border-color:rgb(212, 229, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 229, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 229, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 229, 216); box-shadow:4px 4px 4px 4px rgb(212, 229, 216) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9935, 0.3093, 0.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 229, 216) }
```

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

```
.background{ background-color: rgb(212,  
229, 216) }
```

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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