

Converting Colors

Yxy(74.1641, 0.3120, 0.3436)

Have a look what the booklet for
Yxy(74.1641, 0.3120, 0.3436)
contains.

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Color

Yxy(74.0894, 0.3120, 0.3433)

Conversions

Conversions Part 1

Format	Color
Hex	D6E3D6
RGB	214, 227, 214
RGB Percent	84%, 89%, 84%
CMY	0.1609, 0.1098, 0.1607
CMYK	0.06, 0.00, 0.06, 0.11
HSL	120°, 19%, 86%
HSV	120°, 6%, 89%
XYZ	67.3344, 74.0894, 74.3915
YIQ	221.6310, -3.5750, -6.7990

Conversions

Conversions Part 2

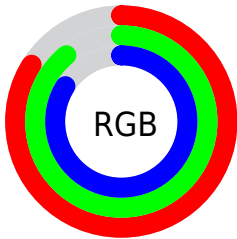
Format	Color
RYB	214, 227, 227
Decimal	14083030
CIELab	88.96, -6.71, 4.82
CIElCh	89, 8.261, 144.279
Yxy	74.0894, 0.3120, 0.3433
Android (android.graphics.Color)	4292273110 (0xFFD6E3D6)
YUV	221.6310, -3.7621, -6.6924
Hunter-Lab	86.0752, -10.9957, 9.0105

Details

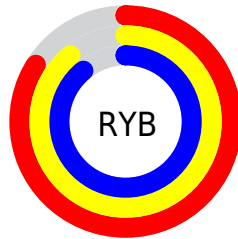
The Yxy color **74.0894, 0.3120, 0.3433** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.9530, 0.3134, 0.3151**, and the grayscale version is **72.8019, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3792, 0.3118, 0.3478** is the 20% darker color. If you saturate the color by 10%, you get **69.8367, 0.3106, 0.3710**, and if you desaturate by 10%, it is **78.9844, 0.3132, 0.3191**.

Distribution



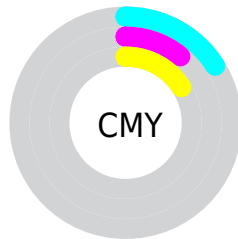
- Red (84%)
- Green (89%)
- Blue (84%)



- Red (84%)
- Yellow (89%)
- Blue (89%)



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)





- Cyan (16%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0894, 0.3120, 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 74.0894, 0.3120, 0.3433 by changing the saturation by 10% instead.

 74.0894, 0.3120,
0.3433

 74.0894, 0.3120,
0.3433


474.7819, 0.3124,
0.3366

 54.8672, 0.3119,
0.3448

125.0225, 0.3121,
0.3410

 39.2954, 0.3118,
0.3467


157.5023, 0.3122,
0.3401

 26.9896, 0.3116,
0.3492


195.1700, 0.3122,
0.3393

 17.5654, 0.3114,
0.3524

238.4100, 0.3123,
0.3386

 10.6384, 0.3111,
0.3568

287.6069, 0.3123,
0.3380

 5.8243, 0.3106,
0.3632

343.1448, 0.3123,

 2.7385, 0.3097,

0.3375

405.4084, 0.3123,
0.3371

0.3736

0.9968, 0.3094,
0.3956

0.0000, 0.0000,
0.0000

74.0894, 0.3120,
0.3433

74.0894, 0.3120,
0.3433

69.8367, 0.3106,
0.3710

78.9844, 0.3132,
0.3191

66.1908, 0.3091,
0.4020

83.4244, 0.3140,
0.3019

63.1268, 0.3074,
0.4360

60.6147, 0.3057,
0.4717

■ 58.6217, 0.3040,
0.5073

■ 57.1115, 0.3025,
0.5401

■ 56.0431, 0.3013,
0.5673

■ 55.3690, 0.3005,
0.5866

■ 55.0303, 0.3001,
0.5971

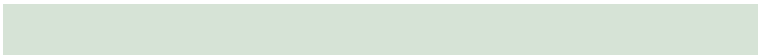
Harmonies

Analogous

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



74.0894, 0.3218, 0.3463



74.0894, 0.3120, 0.3433



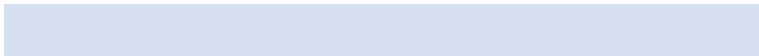
74.0894, 0.3025, 0.3363

Triad

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



74.0894, 0.3120, 0.3433



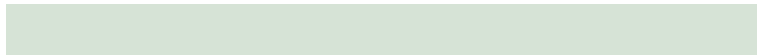
74.0894, 0.2964, 0.3135



74.0894, 0.3299, 0.3303

Complementary

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



74.0894, 0.3120, 0.3433



69.9530, 0.3134, 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.



74.0894, 0.3229, 0.3219



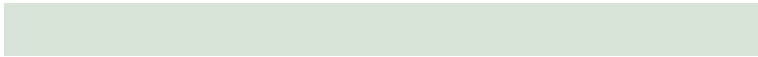
74.0894, 0.3120, 0.3433



74.0894, 0.3035, 0.3123

Square

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



74.0894, 0.3120, 0.3433



74.0894, 0.2936, 0.3190



74.0894, 0.3132, 0.3153



74.0894, 0.3322, 0.3386

Rectangle

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



74.0894, 0.3120, 0.3433



74.0894, 0.2976, 0.3304



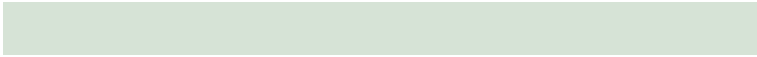
74.0894, 0.3132, 0.3153



74.0894, 0.3280, 0.3274

Sweetspot

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



74.0926, 0.3120, 0.3433



98.7230, 0.3125, 0.3339



76.1306, 0.3212, 0.3430



21.1442, 0.3125, 0.3336



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.



74.0926, 0.3120, 0.3433



95.6788, 0.3118, 0.3467



74.4291, 0.3079, 0.3361



16.2751, 0.3118, 0.3481



32.0421, 0.2999, 0.5997



2.3682, 0.2996, 0.5987

Inverse Universe

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



69.9530, 0.3134, 0.3151



89.1295, 0.3136, 0.3119



69.6032, 0.3178, 0.3220



15.0786, 0.3136, 0.3106



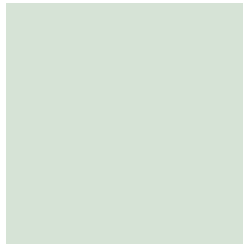
12.7228, 0.3222, 0.1548



0.9406, 0.3220, 0.1547

Previews

White Background



This preview shows how the Yxy color 74.0894, 0.3120, 0.3433 looks on a white background.

Color Contrast Check

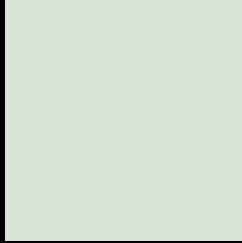
Large Text (above 18pt) WCAG AA × Fail

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 74.0894, 0.3120, 0.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

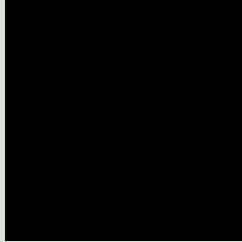
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

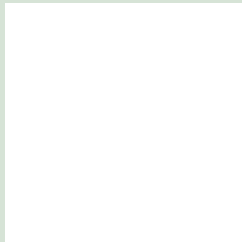
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0894, 0.3120, 0.3433

Background



This preview shows how black text looks on a background with the Yxy color 74.0894, 0.3120, 0.3433.

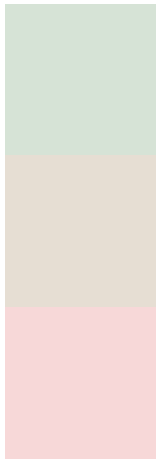


This preview shows how white text looks on a background with the Yxy color 74.0894, 0.3120, 0.3433.

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

74.0894, 0.3120, 0.3433

Protanopia

73.7687, 0.3258, 0.3408

Deuteranopia

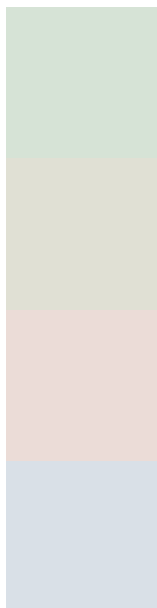
73.8438, 0.3356, 0.3291



Tritanopia

74.0317, 0.2979, 0.3098

Trichromacy



Original Color

74.0894, 0.3120, 0.3433

Protanomaly

73.9121, 0.3206, 0.3420

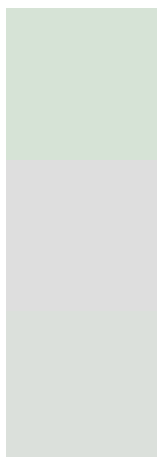
Deuteranomaly

73.7549, 0.3269, 0.3343

Tritanomaly

73.8325, 0.3034, 0.3214

Monochromacy



Original Color

74.0894, 0.3120, 0.3433

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.4859, 0.3125, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0894, 0.3120, 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(214, 227, 214)` looks like.

```
.text, #text, p{  
    color:rgb(214, 227, 214)  
}
```

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(214, 227, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 227, 214) }
```

Border

The CSS property to change the border of an element to Yxy 74.0894, 0.3120, 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(214, 227, 214) }
```

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

```
.border{ border-color:rgb(214, 227, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 227, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 227, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 227, 214);  
box-shadow:4px 4px 4px 4px rgb(214, 227,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0894, 0.3120, 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(214, 227, 214) }
```

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

```
.background{ background-color: rgb(214,  
227, 214) }
```

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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