

Converting Colors

$Yxy(78.1137, 0.3129, 0.3386)$

Have a look what the booklet for
Yxy(78.1137, 0.3129, 0.3386)
contains.

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Color

Yxy(78.1137, 0.3129, 0.3386)

Conversions

Conversions Part 1

Format	Color
Hex	DFE7DE
RGB	223, 231, 222
RGB Percent	87%, 91%, 87%
CMY	0.1257, 0.0941, 0.1293
CMYK	0.03, 0.00, 0.04, 0.09
HSL	114°, 16%, 89%
HSV	114°, 4%, 91%
XYZ	72.1848, 78.1137, 80.3976
YIQ	227.5820, -1.8790, -4.4950

Conversions

Conversions Part 2

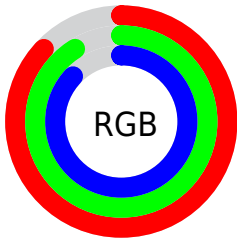
Format	Color
RYB	222, 231, 230
Decimal	14673886
CIELab	90.83, -4.30, 3.42
CIELCh	91, 5.495, 141.466
Yxy	78.1137, 0.3129, 0.3386
Android (android.graphics.Color)	4292863966 (0xFFDFE7DE)
YUV	227.5820, -2.7519, -4.0184
Hunter-Lab	88.3820, -8.8809, 7.9336

Details

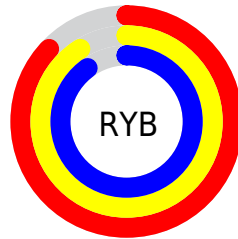
The Yxy color **78.1137, 0.3129, 0.3386** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.8639, 0.3125, 0.3195**, and the grayscale version is **77.2820, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.7748, 0.3131, 0.3401** is the 20% darker color. If you saturate the color by 10%, you get **73.8719, 0.3133, 0.3655**, and if you desaturate by 10%, it is **82.9342, 0.3124, 0.3149**.

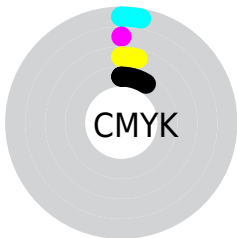
Distribution



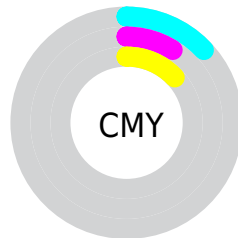
- Red (87%)
- Green (91%)
- Blue (87%)



- Red (87%)
- Yellow (91%)
- Blue (90%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (9%)



- Cyan (13%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.1137, 0.3129, 0.3386 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 78.1137, 0.3129, 0.3386 by changing the saturation by 10% instead.

■ 78.1137, 0.3129,
0.3386

■ 78.1137, 0.3129,
0.3386

488.5529, 0.3128,
0.3342

■ 58.1674, 0.3129,
0.3396

130.7104, 0.3129,
0.3371

■ 41.9432, 0.3129,
0.3408

164.1296, 0.3129,
0.3365

■ 29.0568, 0.3129,
0.3424

202.8085, 0.3129,
0.3360

■ 19.1238, 0.3129,
0.3444

247.1315, 0.3129,
0.3355

■ 11.7598, 0.3130,
0.3472

297.4831, 0.3129,
0.3351

■ 6.5803, 0.3130,
0.3512

354.2476, 0.3128,

■ 3.2011, 0.3129,

0.3348

417.8094, 0.3128,
0.3345

0.3575

1.2376, 0.3127,
0.3686

0.0921, 0.0000,
1.0000

78.1137, 0.3129,
0.3386

78.1137, 0.3129,
0.3386

73.8719, 0.3133,
0.3655

82.9342, 0.3124,
0.3149

70.1774, 0.3134,
0.3957

85.6404, 0.3138,
0.3058

67.0109, 0.3132,
0.4286

64.3483, 0.3126,
0.4633

■ 62.1634, 0.3116,
0.4982

■ 60.4277, 0.3100,
0.5311

■ 59.1098, 0.3080,
0.5594

■ 58.1738, 0.3057,
0.5807

■ 57.5781, 0.3033,
0.5938

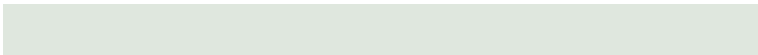
Harmonies

Analogous

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



78.1137, 0.3192, 0.3403



78.1137, 0.3129, 0.3386



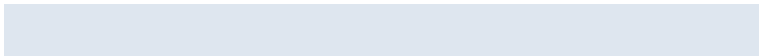
78.1137, 0.3066, 0.3343

Triad

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



78.1137, 0.3129, 0.3386



78.1137, 0.3017, 0.3191



78.1137, 0.3236, 0.3294

Complementary

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



78.1137, 0.3129, 0.3386



74.8639, 0.3125, 0.3195

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.



78.1137, 0.3188, 0.3238



78.1137, 0.3129, 0.3386



78.1137, 0.3062, 0.3180

Square

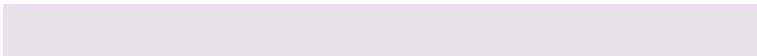
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



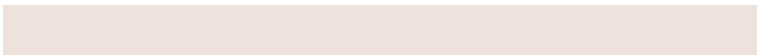
78.1137, 0.3129, 0.3386



78.1137, 0.3002, 0.3230



78.1137, 0.3124, 0.3197



78.1137, 0.3254, 0.3349

Rectangle

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



78.1137, 0.3129, 0.3386



78.1137, 0.3032, 0.3305



78.1137, 0.3124, 0.3197



78.1137, 0.3223, 0.3275

Sweetspot

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



78.1171, 0.3129, 0.3386



99.4059, 0.3128, 0.3314



78.8419, 0.3185, 0.3374



21.2832, 0.3128, 0.3313



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.



78.1171, 0.3129, 0.3386



97.1023, 0.3129, 0.3415



78.1563, 0.3101, 0.3349



16.5089, 0.3130, 0.3432



32.1735, 0.3026, 0.5980



2.4017, 0.3087, 0.5931

Inverse Universe

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



74.8639, 0.3125, 0.3195



91.8835, 0.3124, 0.3168



74.8257, 0.3154, 0.3232



15.5086, 0.3124, 0.3152



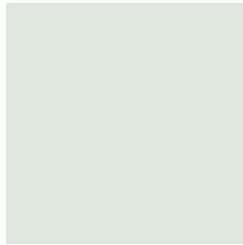
10.7088, 0.2950, 0.1399



0.8133, 0.2990, 0.1421

Previews

White Background



This preview shows how the Yxy color 78.1137, 0.3129, 0.3386 looks on a white background.

Color Contrast Check

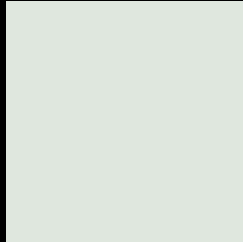
Large Text (above 18pt) WCAG AA × Fail

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 78.1137, 0.3129, 0.3386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

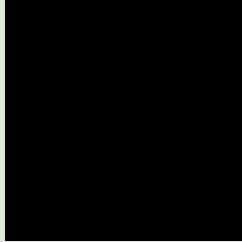
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

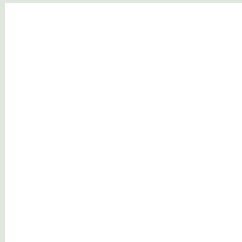
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.1137, 0.3129, 0.3386

Background



This preview shows how black text looks on a background with the Yxy color 78.1137, 0.3129, 0.3386.

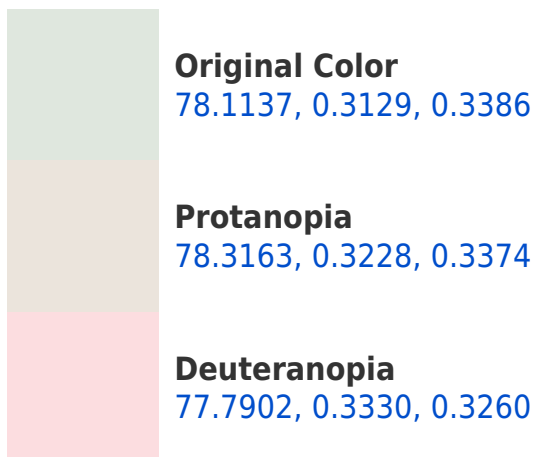


This preview shows how white text looks on a background with the Yxy color 78.1137, 0.3129, 0.3386.

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

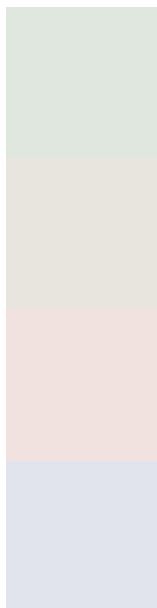




Tritanopia

77.8616, 0.3014, 0.3103

Trichromacy



Original Color

78.1137, 0.3129, 0.3386

Protanomaly

78.2480, 0.3192, 0.3374

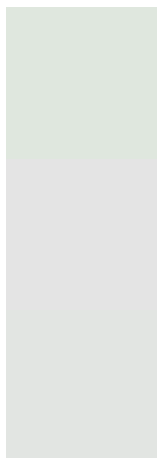
Deuteranomaly

77.8789, 0.3253, 0.3311

Tritanomaly

77.7700, 0.3057, 0.3195

Monochromacy



Original Color

78.1137, 0.3129, 0.3386

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.6984, 0.3126, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.1137, 0.3129, 0.3386 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(223, 231, 222)` looks like.

```
.text, #text, p{  
    color:rgb(223, 231, 222)  
}
```

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(223, 231, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 231, 222) }
```

Border

The CSS property to change the border of an element to Yxy 78.1137, 0.3129, 0.3386 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(223, 231, 222) }
```

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

```
.border{ border-color:rgb(223, 231, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 231, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 231, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 231, 222); box-shadow:4px 4px 4px 4px rgb(223, 231, 222) }
```


Background

The CSS property to change the background color of an element to Yxy 78.1137, 0.3129, 0.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 231, 222) }
```

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

```
.background{ background-color: rgb(223,  
231, 222) }
```

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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