

Converting Colors

$Yxy(74.0153, 0.3140, 0.3362)$

Have a look what the booklet for
Yxy(74.0153, 0.3140, 0.3362)
contains.

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Color

Yxy(74.1280, 0.3138, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	DCE1DA
RGB	220, 225, 218
RGB Percent	86%, 88%, 85%
CMY	0.1370, 0.1177, 0.1451
CMYK	0.02, 0.00, 0.03, 0.12
HSL	102°, 10%, 87%
HSV	102°, 3%, 88%
XYZ	69.1069, 74.1280, 76.9909
YIQ	222.7070, -0.7330, -3.2370

Conversions

Conversions Part 2

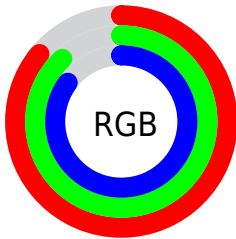
Format	Color
R_{YB}	218, 225, 223
Decimal	14475738
CIE Lab	88.98, -2.91, 2.83
CIE LCh	89, 4.055, 135.818
Yxy	74.1280, 0.3138, 0.3366
Android (android.graphics.Color)	4292665818 (0xFFDCE1DA)
YUV	222.7070, -2.3206, -2.3740
Hunter-Lab	86.0976, -7.3966, 7.2495

Details

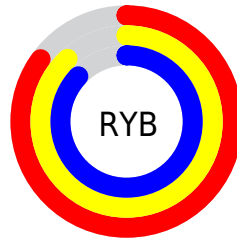
The Yxy color **74.1280, 0.3138, 0.3366** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.2527, 0.3116, 0.3214**, and the grayscale version is **73.5973, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3931, 0.3141, 0.3389** is the 20% darker color. If you saturate the color by 10%, you get **70.6714, 0.3172, 0.3629**, and if you desaturate by 10%, it is **77.9860, 0.3103, 0.3131**.

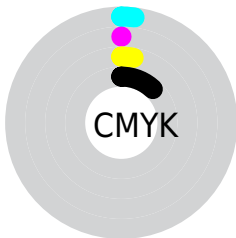
Distribution



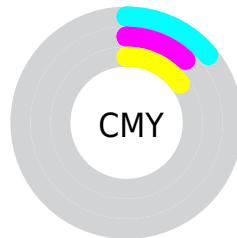
- Red (86%)
- Green (88%)
- Blue (85%)



- Red (85%)
- Yellow (88%)
- Blue (87%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (12%)



- Cyan (14%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.1280, 0.3138, 0.3366 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 74.1280, 0.3138, 0.3366 by changing the saturation by 10% instead.

■ 74.1280, 0.3138,
0.3366

■ 74.1280, 0.3138,
0.3366

474.9150, 0.3133,
0.3331

■ 54.8988, 0.3139,
0.3374

125.0772, 0.3136,
0.3354

■ 39.3207, 0.3140,
0.3384

157.5661, 0.3136,
0.3349

■ 27.0093, 0.3142,
0.3397

195.2436, 0.3135,
0.3345

■ 17.5802, 0.3144,
0.3413

238.4942, 0.3135,
0.3341

■ 10.6490, 0.3147,
0.3436

287.7022, 0.3134,
0.3338

■ 5.8314, 0.3151,
0.3469

343.2521, 0.3134,

■ 2.7428, 0.3158,

0.3336

0.3522

405.5282, 0.3133,
0.3333

0.9990, 0.3170,
0.3621

0.0000, 0.0000,
0.0000

74.1280, 0.3138,
0.3366

74.1280, 0.3138,
0.3366

70.6714, 0.3172,
0.3629

77.9860, 0.3103,
0.3131

67.5936, 0.3204,
0.3918

81.7226, 0.3119,
0.2997

64.8843, 0.3231,
0.4229

82.3251, 0.3141,
0.2999

62.5290, 0.3251,
0.4554

■ 60.5122, 0.3261,
0.4880

■ 58.8172, 0.3258,
0.5190

■ 57.4256, 0.3240,
0.5463

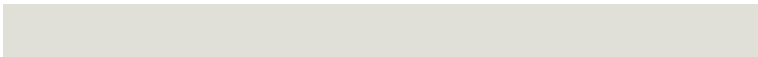
■ 56.3171, 0.3207,
0.5680

■ 55.4682, 0.3162,
0.5830

Harmonies

Analogous

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



74.1280, 0.3184, 0.3374



74.1280, 0.3138, 0.3366



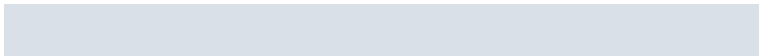
74.1280, 0.3090, 0.3337

Triad

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



74.1280, 0.3138, 0.3366



74.1280, 0.3040, 0.3220



74.1280, 0.3204, 0.3285

Complementary

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



74.1280, 0.3138, 0.3366



71.2527, 0.3116, 0.3214

Split Complementary

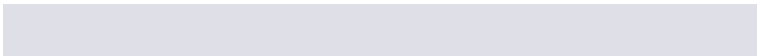
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.1280, 0.3165, 0.3244



74.1280, 0.3138, 0.3366



74.1280, 0.3071, 0.3207

Square

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



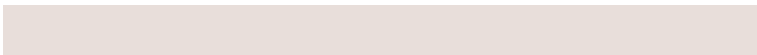
74.1280, 0.3138, 0.3366



74.1280, 0.3033, 0.3252



74.1280, 0.3116, 0.3216



74.1280, 0.3222, 0.3327

Rectangle

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



74.1280, 0.3138, 0.3366



74.1280, 0.3062, 0.3310



74.1280, 0.3116, 0.3216



74.1280, 0.3192, 0.3271

Sweetspot

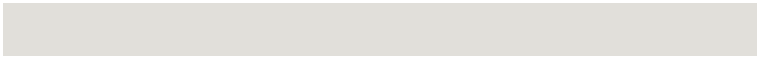
The Sweet Spot groups the original color and five complimentary colors.



74.1312, 0.3138, 0.3366



99.4973, 0.3131, 0.3314



73.7851, 0.3174, 0.3343



21.3018, 0.3130, 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.



74.1312, 0.3138, 0.3366



98.0212, 0.3141, 0.3389



73.8850, 0.3115, 0.3351



15.8888, 0.3144, 0.3407



31.7569, 0.3139, 0.5890



2.2465, 0.3254, 0.5798

Inverse Universe

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



71.2527, 0.3116, 0.3214



93.0983, 0.3113, 0.3192



71.5058, 0.3140, 0.3230



14.9546, 0.3110, 0.3175



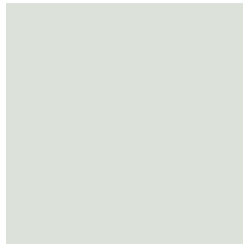
7.4259, 0.2478, 0.1139



0.5602, 0.2594, 0.1203

Previews

White Background



This preview shows how the Yxy color 74.1280, 0.3138, 0.3366 looks on a white background.

Color Contrast Check

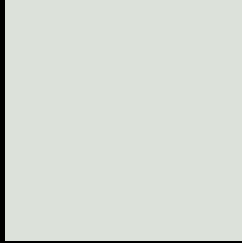
Large Text (above 18pt) WCAG AA × Fail

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 74.1280, 0.3138, 0.3366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

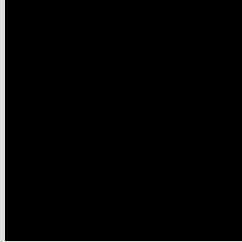
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

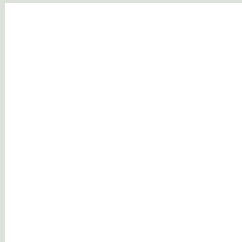
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.1280, 0.3138, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 74.1280, 0.3138, 0.3366.

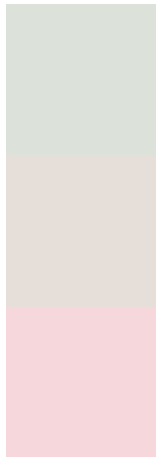


This preview shows how white text looks on a background with the Yxy color 74.1280, 0.3138, 0.3366.

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

74.1280, 0.3138, 0.3366

Protanopia

73.9103, 0.3210, 0.3344

Deuteranopia

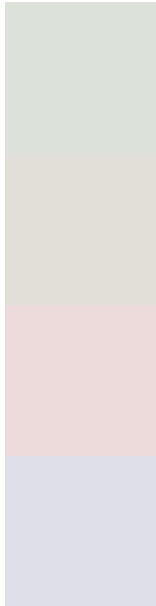
73.8719, 0.3320, 0.3249



Tritanopia

74.1625, 0.3025, 0.3110

Trichromacy



Original Color

74.1280, 0.3138, 0.3366

Protanomaly

73.9539, 0.3188, 0.3355

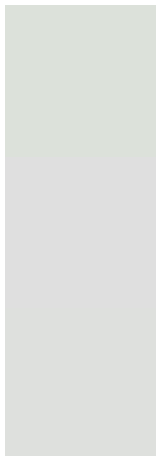
Deuteranomaly

73.7820, 0.3257, 0.3290

Tritanomaly

74.0745, 0.3069, 0.3204

Monochromacy



Original Color

74.1280, 0.3138, 0.3366

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.0614, 0.3133, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1280, 0.3138, 0.3366 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(220, 225, 218)` looks like.

```
.text, #text, p{  
    color:rgb(220, 225, 218)  
}
```

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(220, 225, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 225, 218) }
```

Border

The CSS property to change the border of an element to Yxy 74.1280, 0.3138, 0.3366 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(220, 225, 218) }
```

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

```
.border{ border-color:rgb(220, 225, 218) }
```

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

Here you see how a box with a 4 pixel rgb(220, 225, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 225, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 225, 218);  
box-shadow:4px 4px 4px 4px rgb(220, 225,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1280, 0.3138, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 225, 218) }
```

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

```
.background{ background-color: rgb(220,  
225, 218) }
```

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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