

Converting Colors

$Yxy(75.1835, 0.3402, 0.3866)$

Have a look what the booklet for
Yxy(75.1835, 0.3402, 0.3866)
contains.

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Color

Yxy(75.1801, 0.3402, 0.3866)

Conversions

Conversions Part 1

Format	Color
Hex	DDE6B2
RGB	221, 230, 178
RGB Percent	87%, 90%, 70%
CMY	0.1332, 0.0980, 0.3021
CMYK	0.04, 0.00, 0.23, 0.10
HSL	70°, 51%, 80%
HSV	70°, 23%, 90%
XYZ	66.1569, 75.1801, 53.1278
YIQ	221.3810, 11.3280, -18.0800

Conversions

Conversions Part 2

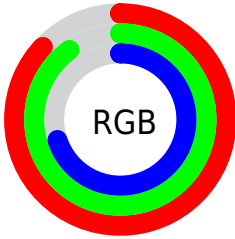
Format	Color
RYB	178, 230, 187
Decimal	14542514
CIELab	89.48, -11.53, 24.40
CIELCh	89, 26.991, 115.287
Yxy	75.1801, 0.3402, 0.3866
Android (android.graphics.Color)	4292732594 (0xFFDDE6B2)
YUV	221.3810, -21.3868, -0.3341
Hunter-Lab	86.7065, -15.5410, 24.3657

Details

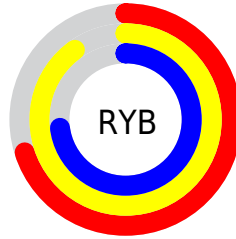
The Yxy color **75.1801, 0.3402, 0.3866** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.0990, 0.2811, 0.2668**, and the grayscale version is **72.7392, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **40.2476, 0.3464, 0.4011** is the 20% darker color. If you saturate the color by 10%, you get **73.7211, 0.3521, 0.4130**, and if you desaturate by 10%, it is **76.8153, 0.3280, 0.3605**.

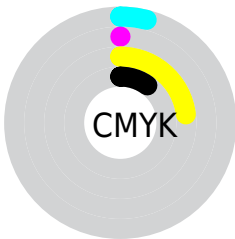
Distribution



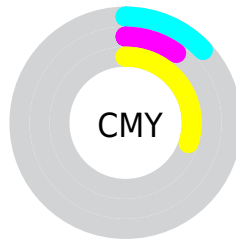
- Red (87%)
- Green (90%)
- Blue (70%)



- Red (70%)
- Yellow (90%)
- Blue (73%)



- Cyan (4%)
- Magenta (0%)
- Yellow (23%)
- Black (10%)





- Cyan (13%)
- Magenta (10%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.1801, 0.3402, 0.3866 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 75.1801, 0.3402, 0.3866 by changing the saturation by 10% instead.


 75.1801, 0.3402,
0.3866

 75.1801, 0.3402,
0.3866


478.5364, 0.3279,
0.3596

 55.7604, 0.3429,
0.3928


 126.5673, 0.3360,
0.3772

 40.0109, 0.3461,
0.4006


159.3036, 0.3344,
0.3735

 27.5470, 0.3500,
0.4104


197.2476, 0.3330,
0.3704

 17.9845, 0.3549,
0.4232

240.7836, 0.3317,
0.3677

 10.9389, 0.3611,
0.4406

290.2961, 0.3306,
0.3653

 6.0257, 0.3689,
0.4655

346.1695, 0.3296,

 2.8607, 0.3803,

0.3631

0.5062

408.7881, 0.3287,
0.3613

■ 1.0595, 0.4032,
0.5968

■ 0.0000, 0.0000,
0.0000

■ 75.1801, 0.3402,
0.3866

■ 75.1801, 0.3402,
0.3866

■ 73.7211, 0.3521,
0.4130

■ 76.8153, 0.3280,
0.3605

■ 72.4205, 0.3632,
0.4389

■ 78.6241, 0.3158,
0.3354

■ 71.2731, 0.3730,
0.4632

■ 80.6166, 0.3041,
0.3117

■ 70.2697, 0.3809,
0.4849

■ 81.7970, 0.3018,
0.3039

■ 69.3998, 0.3865,
0.5028

■ 82.4861, 0.3044,
0.3041

■ 68.6514, 0.3894,
0.5164

■ 83.1904, 0.3070,
0.3043

■ 68.0099, 0.3898,
0.5253

■ 83.9100, 0.3097,
0.3045

■ 67.5883, 0.3888,
0.5295

■ 84.6449, 0.3123,
0.3047

■ 85.0725, 0.3138,
0.3048

Harmonies

Analogous

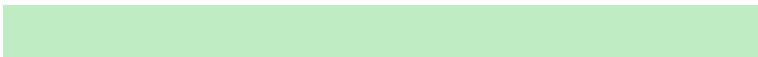
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1801, 0.3656, 0.3791



75.1801, 0.3402, 0.3866



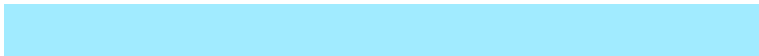
75.1801, 0.3083, 0.3769

Triad

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



75.1801, 0.3402, 0.3866



75.1801, 0.2525, 0.2945



75.1801, 0.3466, 0.3069

Complementary

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



75.1801, 0.3402, 0.3866



48.0990, 0.2811, 0.2668

Split Complementary

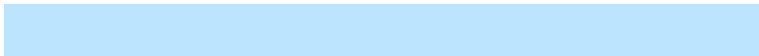
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.1801, 0.3146, 0.2869



75.1801, 0.3402, 0.3866



75.1801, 0.2614, 0.2790

Square

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



75.1801, 0.3402, 0.3866



75.1801, 0.2586, 0.3210



75.1801, 0.2836, 0.2768



75.1801, 0.3698, 0.3326

Rectangle

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



75.1801, 0.3402, 0.3866



75.1801, 0.2877, 0.3615



75.1801, 0.2836, 0.2768



75.1801, 0.3364, 0.2994

Sweetspot

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



75.1834, 0.3402, 0.3866



98.3247, 0.3212, 0.3463



55.4250, 0.3569, 0.3390



21.0157, 0.3219, 0.3478



0.0000, 0.0000, 0.0000



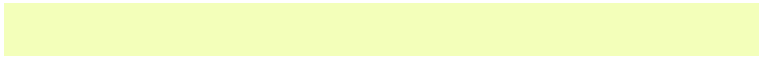
21.4041, 0.3127, 0.3290

Same Dimension

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



75.1834, 0.3402, 0.3866



94.1511, 0.3457, 0.3986



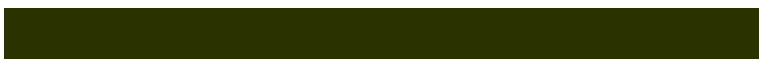
71.4496, 0.3217, 0.3901



16.6850, 0.3241, 0.3524



38.3128, 0.3893, 0.5291



2.8644, 0.3939, 0.5254

Inverse Universe

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



48.0990, 0.2811, 0.2668



54.4082, 0.2737, 0.2527



51.6372, 0.3013, 0.2704



14.0059, 0.3007, 0.3049



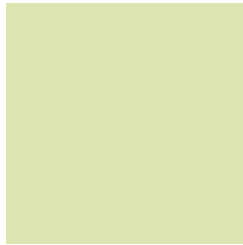
3.5219, 0.1578, 0.0643



0.2957, 0.1703, 0.0712

Previews

White Background



This preview shows how the Yxy color 75.1801, 0.3402, 0.3866 looks on a white background.

Color Contrast Check

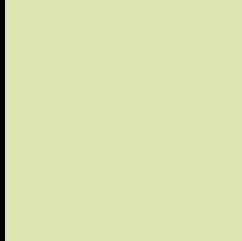
Large Text (above 18pt) WCAG AA × Fail

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 75.1801, 0.3402, 0.3866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

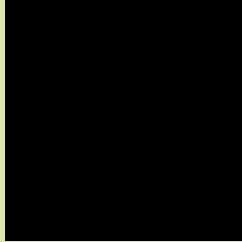
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

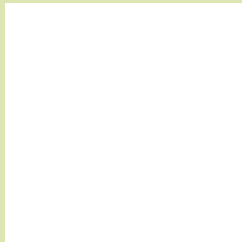
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.1801, 0.3402, 0.3866

Background



This preview shows how black text looks on a background with the Yxy color 75.1801, 0.3402, 0.3866.

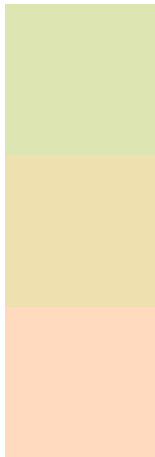


This preview shows how white text looks on a background with the Yxy color 75.1801, 0.3402, 0.3866.

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

75.1801, 0.3402, 0.3866

Protanopia

74.7572, 0.3570, 0.3813

Deuteranopia

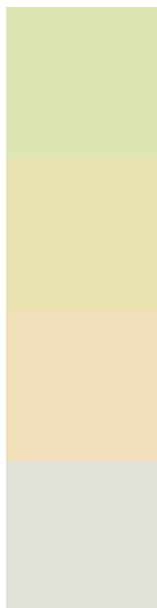
75.1205, 0.3601, 0.3578



Tritanopia

75.1326, 0.3066, 0.3112

Trichromacy



Original Color

75.1801, 0.3402, 0.3866

Protanomaly

74.6831, 0.3505, 0.3832

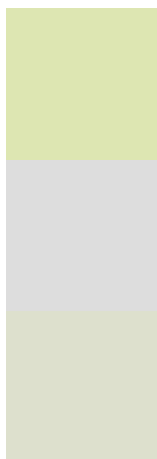
Deuteranomaly

74.8424, 0.3529, 0.3671

Tritanomaly

75.0289, 0.3186, 0.3376

Monochromacy



Original Color

75.1801, 0.3402, 0.3866

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.0912, 0.3231, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1801, 0.3402, 0.3866 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(221, 230, 178)` looks like.

```
.text, #text, p{  
    color:rgb(221, 230, 178)  
}
```

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(221, 230, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 230, 178) }
```

Border

The CSS property to change the border of an element to Yxy 75.1801, 0.3402, 0.3866 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(221, 230, 178) }
```

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

```
.border{ border-color:rgb(221, 230, 178) }
```

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

Here you see how a box with a 4 pixel rgb(221, 230, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 230, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 230, 178);  
box-shadow:4px 4px 4px 4px rgb(221, 230,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1801, 0.3402, 0.3866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 230, 178) }
```

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

```
.background{ background-color: rgb(221,  
230, 178) }
```

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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