

Converting Colors

$Yxy(73.5263, 0.3288, 0.3836)$

Have a look what the booklet for
Yxy(73.5263, 0.3288, 0.3836)
contains.

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Color

Yxy(73.5263, 0.3288, 0.3836)

Conversions

Conversions Part 1

Format	Color
Hex	D1E6B6
RGB	209, 230, 182
RGB Percent	82%, 90%, 71%
CMY	0.1806, 0.0980, 0.2863
CMYK	0.09, 0.00, 0.21, 0.10
HSL	86°, 49%, 81%
HSV	86°, 21%, 90%
XYZ	63.0225, 73.5263, 55.1256
YIQ	218.2490, 2.8920, -19.3800

Conversions

Conversions Part 2

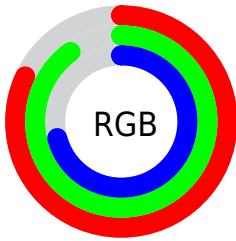
Format	Color
RYB	182, 230, 203
Decimal	13756086
CIELab	88.70, -15.28, 21.11
CIElCh	89, 26.063, 125.900
Yxy	73.5263, 0.3288, 0.3836
Android (android.graphics.Color)	4291946166 (0xFFD1E6B6)
YUV	218.2490, -17.8708, -8.1114
Hunter-Lab	85.7475, -18.8644, 21.9067

Details

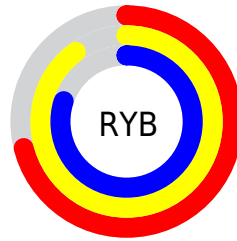
The Yxy color **73.5263, 0.3288, 0.3836** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.8779, 0.2937, 0.2738**, and the grayscale version is **70.4116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **38.7271, 0.3319, 0.3964** is the 20% darker color. If you saturate the color by 10%, you get **71.2294, 0.3361, 0.4122**, and if you desaturate by 10%, it is **76.0792, 0.3211, 0.3564**.

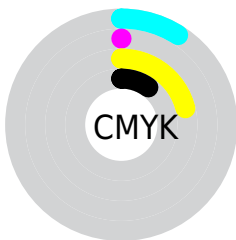
Distribution



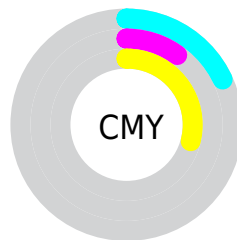
- Red (82%)
- Green (90%)
- Blue (71%)



- Red (71%)
- Yellow (90%)
- Blue (80%)



- Cyan (9%)
- Magenta (0%)
- Yellow (21%)
- Black (10%)




- Cyan (18%)
- Magenta (10%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.5263, 0.3288, 0.3836 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 73.5263, 0.3288, 0.3836 by changing the saturation by 10% instead.


 73.5263, 0.3288,
0.3836

 73.5263, 0.3288,
0.3836

472.8369, 0.3218,
0.3577

 54.4064, 0.3303,
0.3897


 124.2241, 0.3264,
0.3745

 38.9267, 0.3321,
0.3972


156.5708, 0.3255,
0.3710

 26.7027, 0.3342,
0.4069


194.0952, 0.3247,
0.3680

 17.3501, 0.3368,
0.4197

237.1817, 0.3240,
0.3654

 10.4844, 0.3400,
0.4374

286.2147, 0.3233,
0.3631

 5.7213, 0.3436,
0.4633

341.5787, 0.3227,

 2.6764, 0.3477,

0.3611

403.6579, 0.3222,
0.3593

0.5054

0.9652, 0.3597,
0.6403

0.0000, 0.0000,
0.0000

73.5263, 0.3288,
0.3836

73.5263, 0.3288,
0.3836

71.2294, 0.3361,
0.4122

76.0792, 0.3211,
0.3564

69.1695, 0.3426,
0.4415

78.8871, 0.3134,
0.3311

67.3397, 0.3479,
0.4705

81.9617, 0.3058,
0.3079

65.7293, 0.3515,
0.4977

84.0252, 0.3101,
0.3046

■ 64.3262, 0.3530,
0.5219

■ 85.0851, 0.3138,
0.3049

■ 63.1168, 0.3521,
0.5415

■ 62.0854, 0.3489,
0.5559

■ 61.2767, 0.3444,
0.5648

Harmonies

Analogous

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



73.5263, 0.3567, 0.3820



73.5263, 0.3288, 0.3836



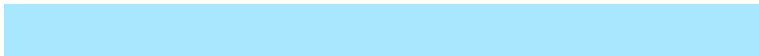
73.5263, 0.2975, 0.3683

Triad

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



73.5263, 0.3288, 0.3836



73.5263, 0.2555, 0.2887



73.5263, 0.3551, 0.3160

Complementary

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



73.5263, 0.3288, 0.3836



51.8779, 0.2937, 0.2738

Split Complementary

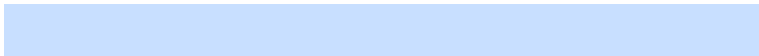
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.5263, 0.3260, 0.2940



73.5263, 0.3288, 0.3836



73.5263, 0.2690, 0.2781

Square

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



73.5263, 0.3288, 0.3836



73.5263, 0.2562, 0.3113



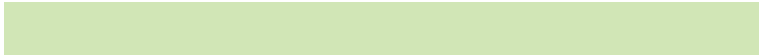
73.5263, 0.2944, 0.2803



73.5263, 0.3727, 0.3419

Rectangle

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



73.5263, 0.3288, 0.3836



73.5263, 0.2790, 0.3508



73.5263, 0.2944, 0.2803



73.5263, 0.3463, 0.3080

Sweetspot

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



73.5295, 0.3288, 0.3836



97.8019, 0.3174, 0.3439



62.8256, 0.3499, 0.3523



20.8840, 0.3179, 0.3456



0.0000, 0.0000, 0.0000



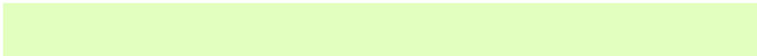
21.4041, 0.3127, 0.3290

Same Dimension

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



73.5295, 0.3288, 0.3836



91.6264, 0.3320, 0.3957



70.3219, 0.3122, 0.3865



16.4860, 0.3200, 0.3527



34.7581, 0.3454, 0.5639



2.6233, 0.3558, 0.5557

Inverse Universe

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



51.8779, 0.2937, 0.2738



59.6868, 0.2891, 0.2614



55.4720, 0.3126, 0.2768



14.1951, 0.3049, 0.3052



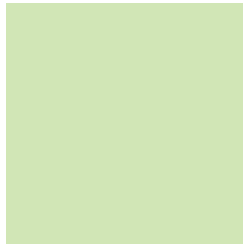
4.8690, 0.1913, 0.0827



0.4140, 0.2076, 0.0917

Previews

White Background



This preview shows how the Yxy color 73.5263, 0.3288, 0.3836 looks on a white background.

Color Contrast Check

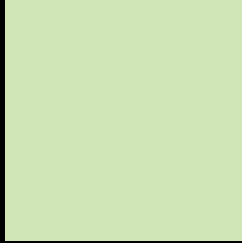
Large Text (above 18pt) WCAG AA × Fail

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 73.5263, 0.3288, 0.3836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

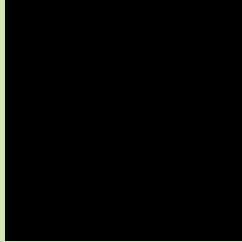
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

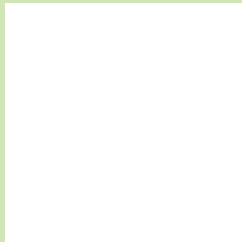
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.5263, 0.3288, 0.3836

Background



This preview shows how black text looks on a background with the Yxy color 73.5263, 0.3288, 0.3836.

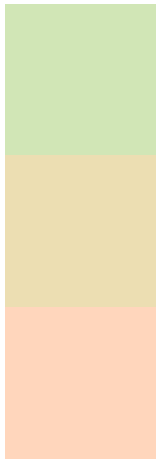


This preview shows how white text looks on a background with the Yxy color 73.5263, 0.3288, 0.3836.

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

73.5263, 0.3288, 0.3836

Protanopia

73.2898, 0.3531, 0.3765

Deuteranopia

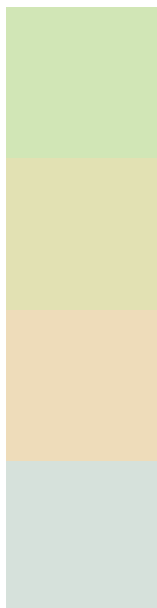
72.9840, 0.3626, 0.3559



Tritanopia

73.2855, 0.2978, 0.3097

Trichromacy



Original Color

73.5263, 0.3288, 0.3836

Protanomaly

73.2739, 0.3442, 0.3797

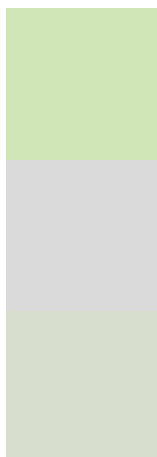
Deuteranomaly

72.9087, 0.3495, 0.3655

Tritanomaly

73.2610, 0.3089, 0.3356

Monochromacy



Original Color

73.5263, 0.3288, 0.3836

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.0974, 0.3190, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5263, 0.3288, 0.3836 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(209, 230, 182)` looks like.

```
.text, #text, p{  
    color:rgb(209, 230, 182)  
}
```

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(209, 230, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 230, 182) }
```

Border

The CSS property to change the border of an element to Yxy 73.5263, 0.3288, 0.3836 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(209, 230, 182) }
```

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

```
.border{ border-color:rgb(209, 230, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 230, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 230, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 230, 182);  
box-shadow:4px 4px 4px 4px rgb(209, 230,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5263, 0.3288, 0.3836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 230, 182) }
```

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

```
.background{ background-color: rgb(209,  
230, 182) }
```

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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