

Converting Colors

$Yxy(82.1109, 0.3341, 0.3883)$

Have a look what the booklet for
Yxy(82.1109, 0.3341, 0.3883)
contains.

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Color

Yxy(82.1437, 0.3346, 0.3884)

Conversions

Conversions Part 1

Format	Color
Hex	DFF1BA
RGB	223, 241, 186
RGB Percent	87%, 95%, 73%
CMY	0.1252, 0.0550, 0.2706
CMYK	0.07, 0.00, 0.23, 0.05
HSL	80°, 66%, 84%
HSV	80°, 23%, 95%
XYZ	70.7654, 82.1437, 58.5834
YIQ	229.3480, 6.9270, -20.9210

Conversions

Conversions Part 2

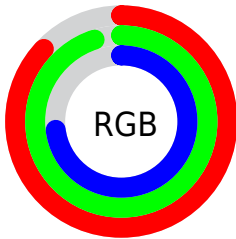
Format	Color
R _Y B	186, 241, 204
Decimal	14676410
CIE Lab	92.64, -15.10, 24.64
CIE LCh	93, 28.896, 121.493
Yxy	82.1437, 0.3346, 0.3884
Android (android.graphics.Color)	4292866490 (0xFFDFF1BA)
YUV	229.3480, -21.3706, -5.5672
Hunter-Lab	90.6332, -19.2371, 25.1194

Details

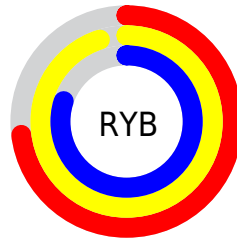
The Yxy color **82.1437, 0.3346, 0.3884** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **54.2987, 0.2870, 0.2672**, and the grayscale version is **78.7906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **44.6069, 0.3382, 0.4020** is the 20% darker color. If you saturate the color by 10%, you get **79.9878, 0.3438, 0.4163**, and if you desaturate by 10%, it is **84.5376, 0.3250, 0.3614**.

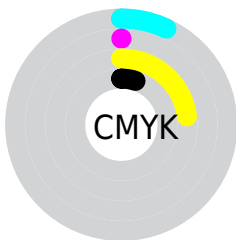
Distribution



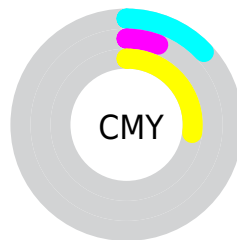
- Red (87%)
- Green (95%)
- Blue (73%)



- Red (73%)
- Yellow (95%)
- Blue (80%)



- Cyan (7%)
- Magenta (0%)
- Yellow (23%)
- Black (5%)




- Cyan (13%)
- Magenta (6%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.1437, 0.3346, 0.3884 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 82.1437, 0.3346, 0.3884 by changing the saturation by 10% instead.


 82.1437, 0.3346,
0.3884

 82.1437, 0.3346,
0.3884


502.1282, 0.3251,
0.3608

 61.4840, 0.3366,
0.3947


 136.3755, 0.3315,
0.3788

 44.6159, 0.3390,
0.4025


170.7164, 0.3302,
0.3751

 31.1550, 0.3418,
0.4123


210.3864, 0.3291,
0.3719

 20.7169, 0.3452,
0.4250

255.7701, 0.3281,
0.3691

 12.9172, 0.3494,
0.4423

307.2517, 0.3272,
0.3667

 7.3716, 0.3544,
0.4666

365.2156, 0.3265,

 3.6955, 0.3597,

0.3645

0.5032

430.0464, 0.3258,
0.3626

1.5048, 0.3912,
0.6088

0.2921, 0.0000,
1.0000

82.1437, 0.3346,
0.3884

82.1437, 0.3346,
0.3884

79.9878, 0.3438,
0.4163

84.5376, 0.3250,
0.3614

78.0496, 0.3521,
0.4443

87.1674, 0.3154,
0.3359

76.3225, 0.3590,
0.4712

89.8304, 0.3079,
0.3153

74.7953, 0.3641,
0.4958

91.2859, 0.3130,
0.3155

■ 73.4556, 0.3669,
0.5169

■ 91.3831, 0.3133,
0.3156

■ 72.2891, 0.3671,
0.5335

■ 71.2786, 0.3649,
0.5450

■ 70.6306, 0.3621,
0.5507

Harmonies

Analogous

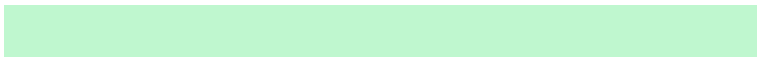
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.1437, 0.3632, 0.3839



82.1437, 0.3346, 0.3884



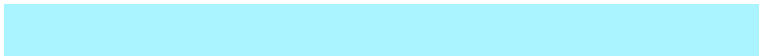
82.1437, 0.3012, 0.3746

Triad

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



82.1437, 0.3346, 0.3884



82.1437, 0.2509, 0.2887



82.1437, 0.3540, 0.3112

Complementary

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



82.1437, 0.3346, 0.3884



54.2987, 0.2870, 0.2672

Split Complementary

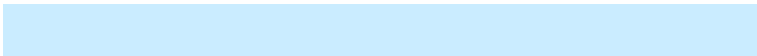
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.1437, 0.3218, 0.2889



82.1437, 0.3346, 0.3884



82.1437, 0.2632, 0.2755

Square

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



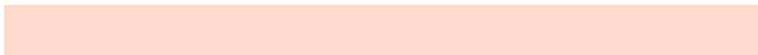
82.1437, 0.3346, 0.3884



82.1437, 0.2540, 0.3143



82.1437, 0.2885, 0.2760



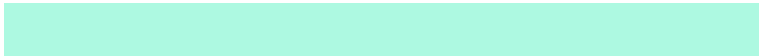
82.1437, 0.3752, 0.3384

Rectangle

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



82.1437, 0.3346, 0.3884



82.1437, 0.2807, 0.3568



82.1437, 0.2885, 0.2760



82.1437, 0.3440, 0.3030

Sweetspot

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



82.1473, 0.3346, 0.3884



97.8164, 0.3194, 0.3464



65.1538, 0.3556, 0.3479



20.8978, 0.3200, 0.3479



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

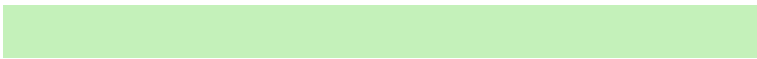
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.1473, 0.3346, 0.3884



92.3210, 0.3386, 0.4002



78.1962, 0.3163, 0.3919



18.1859, 0.3218, 0.3527



38.3820, 0.3630, 0.5500



3.2466, 0.3706, 0.5440

Inverse Universe

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



54.2987, 0.2870, 0.2672



55.8968, 0.2812, 0.2542



58.4450, 0.3075, 0.2708



15.4789, 0.3030, 0.3049



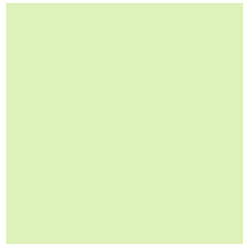
4.3997, 0.1736, 0.0730



0.4179, 0.1877, 0.0808

Previews

White Background



This preview shows how the Yxy color 82.1437, 0.3346, 0.3884 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 82.1437, 0.3346, 0.3884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

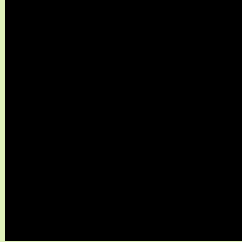
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

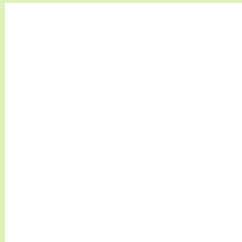
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.1437, 0.3346, 0.3884

Background



This preview shows how black text looks on a background with the Yxy color 82.1437, 0.3346, 0.3884.

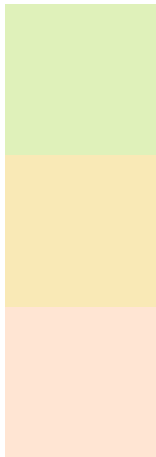


This preview shows how white text looks on a background with the Yxy color 82.1437, 0.3346, 0.3884.

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

82.1437, 0.3346, 0.3884

Protanopia

81.7950, 0.3574, 0.3814

Deuteranopia

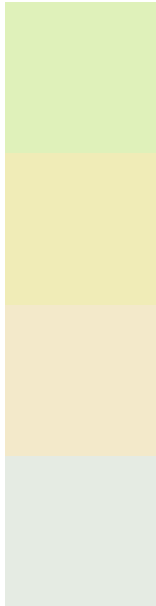
82.0018, 0.3430, 0.3472



Tritanopia

81.8341, 0.3010, 0.3097

Trichromacy



Original Color

82.1437, 0.3346, 0.3884

Protanomaly

81.9351, 0.3495, 0.3845

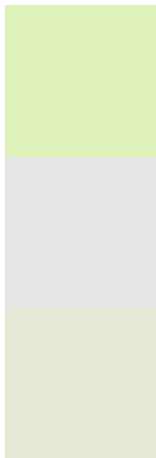
Deuteranomaly

81.5968, 0.3397, 0.3611

Tritanomaly

81.6207, 0.3137, 0.3374

Monochromacy



Original Color

82.1437, 0.3346, 0.3884

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

79.4128, 0.3213, 0.3503

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.1437, 0.3346, 0.3884 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, 241, 186)` looks like.

```
.text, #text, p{  
    color:rgb(223, 241, 186)  
}
```

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, 241, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 241, 186) }
```

Border

The CSS property to change the border of an element to Yxy 82.1437, 0.3346, 0.3884 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, 241, 186) }
```

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

```
.border{ border-color:rgb(223, 241, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 241, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 241, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 241, 186);  
box-shadow:4px 4px 4px 4px rgb(223, 241,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 82.1437, 0.3346, 0.3884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 241, 186) }
```

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

```
.background{ background-color: rgb(223,  
241, 186) }
```

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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