

Converting Colors

$Yxy(82.1617, 0.3277, 0.3728)$

Have a look what the booklet for
Yxy(82.1617, 0.3277, 0.3728)
contains.

Yxy(82.2910, 0.3273, 0.3730)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(82.2910, 0.3273, 0.3730)

Conversions

Conversions Part 1

Format	Color
Hex	E0F0C7
RGB	224, 240, 199
RGB Percent	88%, 94%, 78%
CMY	0.1216, 0.0588, 0.2195
CMYK	0.07, 0.00, 0.17, 0.06
HSL	83°, 58%, 86%
HSV	83°, 17%, 94%
XYZ	72.2087, 82.2910, 66.1196
YIQ	230.5420, 3.6250, -16.1430

Conversions

Conversions Part 2

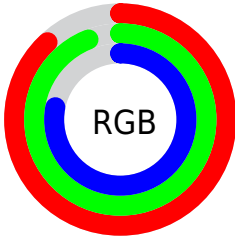
Format	Color
RYB	199, 240, 215
Decimal	14741703
CIELab	92.70, -12.31, 18.06
CIELCh	93, 21.855, 124.296
Yxy	82.2910, 0.3273, 0.3730
Android (android.graphics.Color)	4292931783 (0xFFE0F0C7)
YUV	230.5420, -15.5502, -5.7373
Hunter-Lab	90.7144, -16.6641, 20.2850

Details

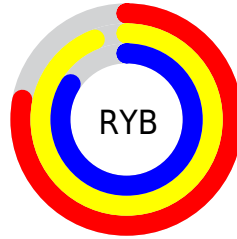
The Yxy color **82.2910, 0.3273, 0.3730** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **61.5979, 0.2962, 0.2842**, and the grayscale version is **79.6706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.7603, 0.3307, 0.3833** is the 20% darker color. If you saturate the color by 10%, you get **79.8089, 0.3356, 0.4009**, and if you desaturate by 10%, it is **85.0387, 0.3187, 0.3466**.

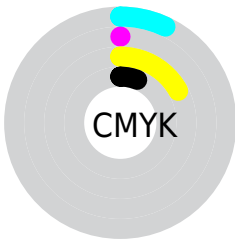
Distribution



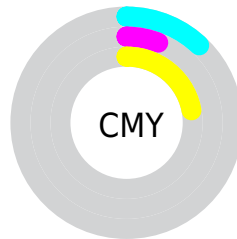
- Red (88%)
- Green (94%)
- Blue (78%)



- Red (78%)
- Yellow (94%)
- Blue (84%)



- Cyan (7%)
- Magenta (0%)
- Yellow (17%)
- Black (6%)



- Cyan (12%)
- Magenta (6%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.2910, 0.3273, 0.3730 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 82.2910, 0.3273, 0.3730 by changing the saturation by 10% instead.

82.2910, 0.3273,
0.3730

82.2910, 0.3273,
0.3730

502.6206, 0.3209,
0.3527

61.6054, 0.3287,
0.3776

136.5820, 0.3252,
0.3659

44.7140, 0.3303,
0.3834

170.9562, 0.3243,
0.3632

31.2322, 0.3323,
0.3906

210.6621, 0.3236,
0.3608

20.7757, 0.3347,
0.4000

256.0841, 0.3229,
0.3588

12.9602, 0.3378,
0.4128

307.6065, 0.3223,
0.3570

7.4011, 0.3418,
0.4311


365.6138, 0.3218,


3.7142, 0.3468,


0.3554


0.4592


430.4904, 0.3214,
0.3539


 1.5150, 0.3708,
0.5343


 0.2993, 0.0000,
1.0000


 82.2910, 0.3273,
0.3730


 82.2910, 0.3273,
0.3730

 79.8089, 0.3356,
0.4009

 85.0387, 0.3187,
0.3466

 77.5722, 0.3433,
0.4296

 88.0503, 0.3103,
0.3220

 75.5741, 0.3500,
0.4582

 90.2627, 0.3115,
0.3145

 73.8037, 0.3551,
0.4855

 90.8043, 0.3134,
0.3146

■ 72.2487, 0.3581,
0.5101

■ 70.8955, 0.3588,
0.5306

■ 69.7283, 0.3570,
0.5462

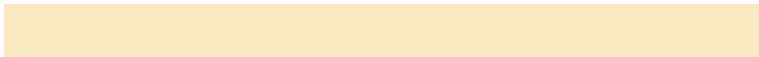
■ 68.7270, 0.3530,
0.5566

■ 68.4570, 0.3516,
0.5590

Harmonies

Analogous

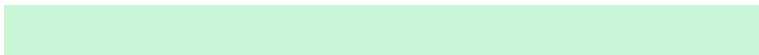
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.2910, 0.3494, 0.3715



82.2910, 0.3273, 0.3730



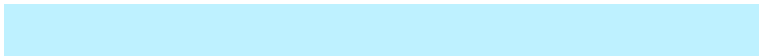
82.2910, 0.3019, 0.3613

Triad

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



82.2910, 0.3273, 0.3730



82.2910, 0.2658, 0.2973



82.2910, 0.3458, 0.3175

Complementary

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



82.2910, 0.3273, 0.3730



61.5979, 0.2962, 0.2842

Split Complementary

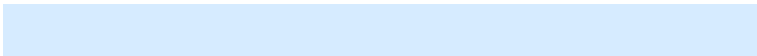
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.2910, 0.3222, 0.2996



82.2910, 0.3273, 0.3730



82.2910, 0.2764, 0.2878

Square

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



82.2910, 0.3273, 0.3730



82.2910, 0.2671, 0.3162



82.2910, 0.2967, 0.2888



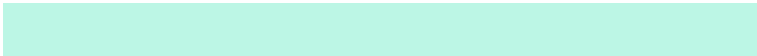
82.2910, 0.3606, 0.3387

Rectangle

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



82.2910, 0.3273, 0.3730



82.2910, 0.2866, 0.3478



82.2910, 0.2967, 0.2888



82.2910, 0.3386, 0.3109

Sweetspot

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



82.2946, 0.3273, 0.3730



98.2733, 0.3170, 0.3414



71.1140, 0.3427, 0.3458



20.9839, 0.3176, 0.3431



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

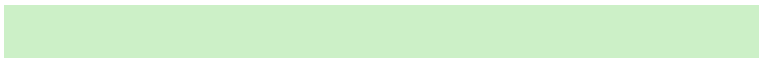
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.2946, 0.3273, 0.3730



93.5545, 0.3298, 0.3812



79.2575, 0.3137, 0.3749



18.1329, 0.3208, 0.3528



37.5511, 0.3526, 0.5582



3.1812, 0.3613, 0.5513

Inverse Universe

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



61.5979, 0.2962, 0.2842



66.2411, 0.2928, 0.2757



64.8466, 0.3111, 0.2862



15.5299, 0.3041, 0.3050



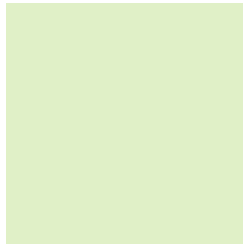
4.8114, 0.1830, 0.0782



0.4561, 0.1977, 0.0863

Previews

White Background



This preview shows how the Yxy color 82.2910, 0.3273, 0.3730 looks on a white background.

Color Contrast Check

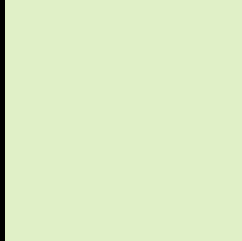
Large Text (above 18pt) WCAG AA × Fail

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 82.2910, 0.3273, 0.3730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

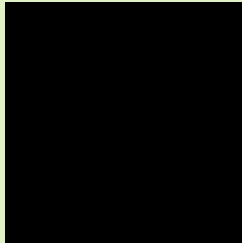
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

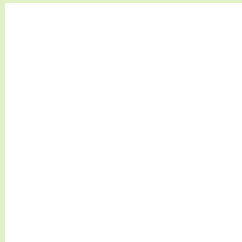
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.2910, 0.3273, 0.3730

Background



This preview shows how black text looks on a background with the Yxy color 82.2910, 0.3273, 0.3730.

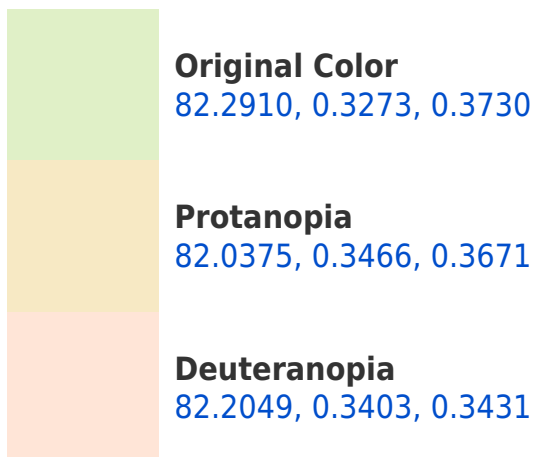


This preview shows how white text looks on a background with the Yxy color 82.2910, 0.3273, 0.3730.

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

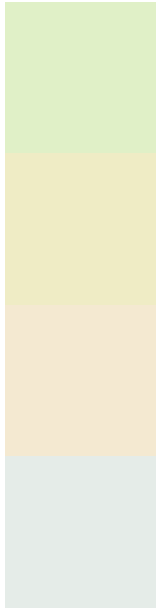




Tritanopia

82.3987, 0.3010, 0.3107

Trichromacy



Original Color

82.2910, 0.3273, 0.3730

Protanomaly

82.3728, 0.3397, 0.3698

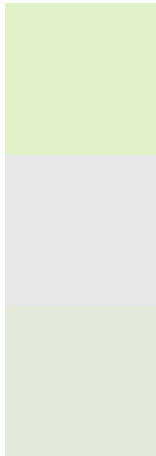
Deuteranomaly

82.1144, 0.3358, 0.3537

Tritanomaly

82.4751, 0.3105, 0.3332

Monochromacy



Original Color

82.2910, 0.3273, 0.3730

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

80.4541, 0.3181, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.2910, 0.3273, 0.3730 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(224, 240, 199)` looks like.

```
.text, #text, p{  
    color:rgb(224, 240, 199)  
}
```

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(224, 240, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 240, 199) }
```

Border

The CSS property to change the border of an element to Yxy 82.2910, 0.3273, 0.3730 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(224, 240, 199) }
```

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

```
.border{ border-color:rgb(224, 240, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 240, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 240, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 240, 199);  
box-shadow:4px 4px 4px 4px rgb(224, 240,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 82.2910, 0.3273, 0.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 240, 199) }
```

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

```
.background{ background-color: rgb(224,  
240, 199) }
```

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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