

Converting Colors

$Yxy(73.0591, 0.3298, 0.3984)$

Have a look what the booklet for
Yxy(73.0591, 0.3298, 0.3984)
contains.

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Color

Yxy(73.2483, 0.3299, 0.3983)

Conversions

Conversions Part 1

Format	Color
Hex	CAE8AC
RGB	202, 232, 172
RGB Percent	79%, 91%, 67%
CMY	0.2077, 0.0902, 0.3254
CMYK	0.13, 0.00, 0.26, 0.09
HSL	90°, 57%, 79%
HSV	90°, 26%, 91%
XYZ	60.6694, 73.2483, 49.9847
YIQ	216.1900, 1.3800, -25.0200

Conversions

Conversions Part 2

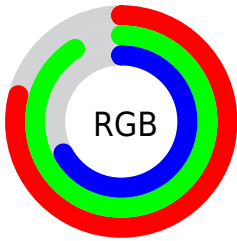
Format	Color
R _{YB}	172, 232, 202
Decimal	13297836
CIE _{Lab}	88.57, -20.21, 26.00
CIE _{LCh}	89, 32.931, 127.854
Yxy	73.2483, 0.3299, 0.3983
Android (android.graphics.Color)	4291487916 (0xFFCAE8AC)
YUV	216.1900, -21.7857, -12.4446
Hunter-Lab	85.5852, -23.2396, 25.2823

Details

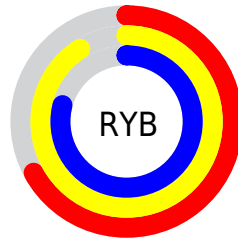
The Yxy color **73.2483, 0.3299, 0.3983** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **47.8975, 0.2912, 0.2598**, and the grayscale version is **68.9633, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3814, 0.3286, 0.3552**, and **38.5856, 0.3330, 0.4160** is the 20% darker color. If you saturate the color by 10%, you get **70.8793, 0.3358, 0.4280**, and if you desaturate by 10%, it is **75.9007, 0.3234, 0.3699**.

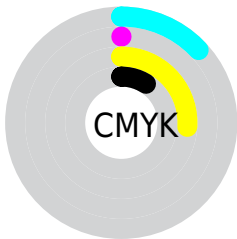
Distribution



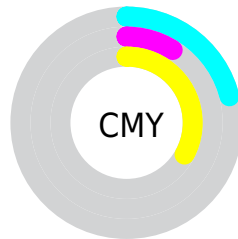
- Red (79%)
- Green (91%)
- Blue (67%)



- Red (67%)
- Yellow (91%)
- Blue (79%)



- Cyan (13%)
- Magenta (0%)
- Yellow (26%)
- Black (9%)




- Cyan (21%)
- Magenta (9%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.2483, 0.3299, 0.3983 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 73.2483, 0.3299, 0.3983 by changing the saturation by 10% instead.

 73.2483, 0.3299,
0.3983

 73.2483, 0.3299,
0.3983


471.8749, 0.3226,
0.3652

 54.1790, 0.3314,
0.4061


 123.8296, 0.3275,
0.3866

 38.7448, 0.3331,
0.4158


156.1105, 0.3266,
0.3821

 26.5613, 0.3350,
0.4283


193.5640, 0.3257,
0.3783

 17.2440, 0.3372,
0.4448

236.5745, 0.3250,
0.3750

 10.4086, 0.3395,
0.4676

285.5265, 0.3243,
0.3721

 5.6707, 0.3411,
0.5009

340.8043, 0.3237,

 2.6459, 0.3463,

0.3695

0.5642

402.7923, 0.3231,
0.3672

0.9498, 0.3005,
0.6995

0.0000, 0.0000,
0.0000

73.2483, 0.3299,
0.3983

73.2483, 0.3299,
0.3983

70.8793, 0.3358,
0.4280

75.9007, 0.3234,
0.3699

68.7735, 0.3408,
0.4581

78.8371, 0.3167,
0.3435

66.9224, 0.3443,
0.4874

82.0702, 0.3099,
0.3192

65.3135, 0.3459,
0.5144

84.9595, 0.3094,
0.3065

■ 63.9328, 0.3454,
0.5375

■ 86.1902, 0.3138,
0.3068

■ 62.7644, 0.3427,
0.5555

■ 61.7892, 0.3379,
0.5677

■ 61.4293, 0.3357,
0.5717

Harmonies

Analogous

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



73.2483, 0.3659, 0.3967



73.2483, 0.3299, 0.3983



73.2483, 0.2907, 0.3775

Triad

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



73.2483, 0.3299, 0.3983



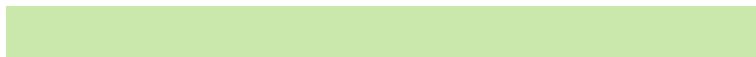
73.2483, 0.2418, 0.2767



73.2483, 0.3684, 0.3143

Complementary

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



73.2483, 0.3299, 0.3983



47.8975, 0.2912, 0.2598

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.



73.2483, 0.3318, 0.2868



73.2483, 0.3299, 0.3983



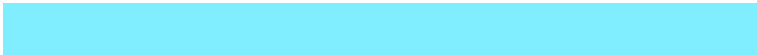
73.2483, 0.2596, 0.2651

Square

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



73.2483, 0.3299, 0.3983



73.2483, 0.2415, 0.3037



73.2483, 0.2918, 0.2692



73.2483, 0.3896, 0.3464

Rectangle

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



73.2483, 0.3299, 0.3983



73.2483, 0.2681, 0.3541



73.2483, 0.2918, 0.2692



73.2483, 0.3574, 0.3044

Sweetspot

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



73.2515, 0.3299, 0.3983



96.8730, 0.3182, 0.3491



61.9140, 0.3597, 0.3615



20.6146, 0.3192, 0.3530



0.0000, 0.0000, 0.0000



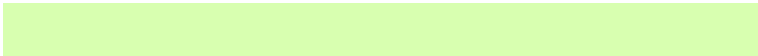
21.4041, 0.3127, 0.3290

Same Dimension

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



73.2515, 0.3299, 0.3983



89.1764, 0.3331, 0.4140



69.5775, 0.3099, 0.4027



16.4416, 0.3191, 0.3528



34.1799, 0.3368, 0.5708



2.5810, 0.3479, 0.5620

Inverse Universe

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



47.8975, 0.2912, 0.2598



52.7654, 0.2857, 0.2443



52.3306, 0.3149, 0.2646



14.2391, 0.3058, 0.3053



5.3672, 0.2025, 0.0889



0.4518, 0.2183, 0.0976

Previews

White Background



This preview shows how the Yxy color 73.2483, 0.3299, 0.3983 looks on a white background.

Color Contrast Check

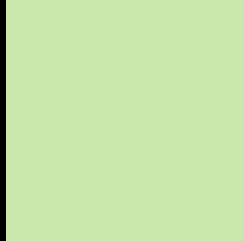
Large Text (above 18pt) WCAG AA × Fail

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 73.2483, 0.3299, 0.3983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

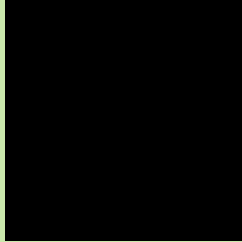
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

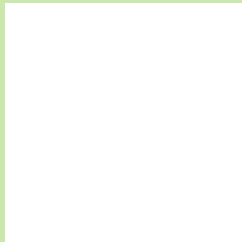
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.2483, 0.3299, 0.3983

Background



This preview shows how black text looks on a background with the Yxy color 73.2483, 0.3299, 0.3983.

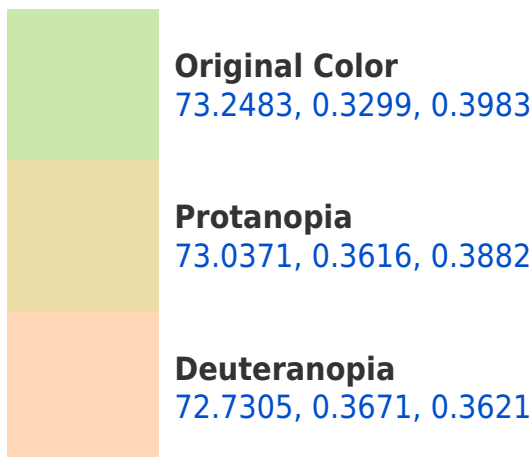


This preview shows how white text looks on a background with the Yxy color 73.2483, 0.3299, 0.3983.

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

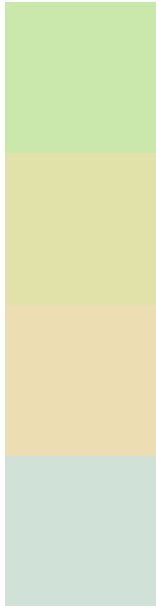




Tritanopia

73.1233, 0.2939, 0.3096

Trichromacy



Original Color

73.2483, 0.3299, 0.3983

Protanomaly

73.1046, 0.3492, 0.3922

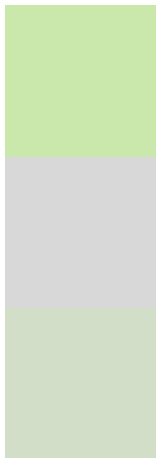
Deuteranomaly

72.7601, 0.3534, 0.3754

Tritanomaly

72.7605, 0.3067, 0.3401

Monochromacy



Original Color

73.2483, 0.3299, 0.3983

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

70.2616, 0.3194, 0.3539

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2483, 0.3299, 0.3983 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(202, 232, 172)` looks like.

```
.text, #text, p{  
    color:rgb(202, 232, 172)  
}
```

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(202, 232, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 232, 172) }
```

Border

The CSS property to change the border of an element to Yxy 73.2483, 0.3299, 0.3983 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(202, 232, 172) }
```

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

```
.border{ border-color:rgb(202, 232, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 232, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 232, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 232, 172);  
box-shadow:4px 4px 4px 4px rgb(202, 232,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2483, 0.3299, 0.3983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 232, 172) }
```

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

```
.background{ background-color: rgb(202,  
232, 172) }
```

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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