

Converting Colors

$Yxy(73.6068, 0.3237, 0.3820)$

Have a look what the booklet for
Yxy(73.6068, 0.3237, 0.3820)
contains.

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Color

Yxy(73.4920, 0.3232, 0.3817)

Conversions

Conversions Part 1

Format	Color
Hex	CCE7B9
RGB	204, 231, 185
RGB Percent	80%, 91%, 73%
CMY	0.2002, 0.0941, 0.2744
CMYK	0.12, 0.00, 0.20, 0.09
HSL	95°, 49%, 82%
HSV	95°, 20%, 91%
XYZ	62.2285, 73.4920, 56.8182
YIQ	217.6830, -1.3260, -20.0300

Conversions

Conversions Part 2

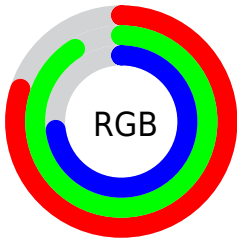
Format	Color
R _{YB}	185, 231, 212
Decimal	13428665
CIE _{Lab}	88.68, -17.05, 19.47
CIE _{LCh}	89, 25.880, 131.212
Y _{xy}	73.4920, 0.3232, 0.3817
Android (android.graphics.Color)	4291618745 (0xFFCCE7B9)
YUV	217.6830, -16.1127, -12.0000
Hunter-Lab	85.7275, -20.4522, 20.7132

Details

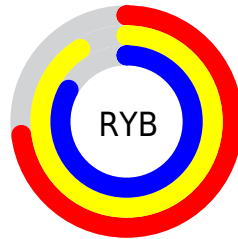
The Yxy color **73.4920, 0.3232, 0.3817** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **54.4883, 0.3001, 0.2773**, and the grayscale version is **69.9935, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **38.7154, 0.3246, 0.3941** is the 20% darker color. If you saturate the color by 10%, you get **70.7604, 0.3280, 0.4114**, and if you desaturate by 10%, it is **76.5561, 0.3180, 0.3541**.

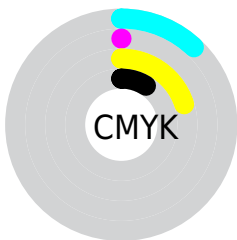
Distribution



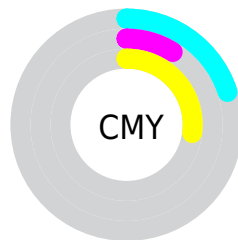
- Red (80%)
- Green (91%)
- Blue (73%)



- Red (73%)
- Yellow (91%)
- Blue (83%)



- Cyan (12%)
- Magenta (0%)
- Yellow (20%)
- Black (9%)





- Cyan (20%)
- Magenta (9%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.4920, 0.3232, 0.3817 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 73.4920, 0.3232, 0.3817 by changing the saturation by 10% instead.


 73.4920, 0.3232,
0.3817

 73.4920, 0.3232,
0.3817


472.7182, 0.3187,
0.3567

 54.3784, 0.3241,
0.3876


 124.1754, 0.3217,
0.3729

 38.9042, 0.3252,
0.3949

156.5140, 0.3211,
0.3695

 26.6852, 0.3264,
0.4043


194.0296, 0.3206,
0.3666

 17.3370, 0.3279,
0.4169

237.1068, 0.3202,
0.3641

 10.4750, 0.3295,
0.4343

286.1298, 0.3197,
0.3619

 5.7150, 0.3310,
0.4600


341.4832, 0.3194,

 2.6726, 0.3314,


0.3599


0.5014

403.5512, 0.3190,
0.3582


 0.9633, 0.3405,
0.6595

 0.0000, 0.0000,
0.0000


 73.4920, 0.3232,
0.3817


 73.4920, 0.3232,
0.3817


 70.7604, 0.3280,
0.4114

 76.5561, 0.3180,
0.3541


 68.3397, 0.3321,
0.4423

 79.9544, 0.3127,
0.3288

 66.2206, 0.3351,
0.4736

 83.7006, 0.3074,
0.3060

 64.3892, 0.3366,
0.5036

 85.6395, 0.3138,
0.3058

■ 62.8307, 0.3364,
0.5307

■ 61.5283, 0.3341,
0.5531

■ 60.4630, 0.3300,
0.5697

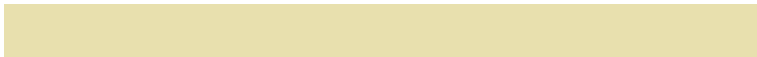
■ 59.6057, 0.3245,
0.5805

■ 59.5984, 0.3245,
0.5806

Harmonies

Analogous

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



73.4920, 0.3521, 0.3831



73.4920, 0.3232, 0.3817



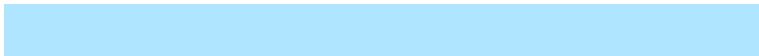
73.4920, 0.2925, 0.3638

Triad

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



73.4920, 0.3232, 0.3817



73.4920, 0.2572, 0.2862



73.4920, 0.3590, 0.3205

Complementary

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



73.4920, 0.3232, 0.3817



54.4883, 0.3001, 0.2773

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.



73.4920, 0.3314, 0.2976



73.4920, 0.3232, 0.3817



73.4920, 0.2731, 0.2779

Square

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



73.4920, 0.3232, 0.3817



73.4920, 0.2554, 0.3067



73.4920, 0.2999, 0.2823



73.4920, 0.3737, 0.3463

Rectangle

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



73.4920, 0.3232, 0.3817



73.4920, 0.2750, 0.3454



73.4920, 0.2999, 0.2823



73.4920, 0.3508, 0.3123

Sweetspot

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



73.4952, 0.3232, 0.3817



97.3861, 0.3159, 0.3440



67.5084, 0.3465, 0.3586



20.7858, 0.3163, 0.3457



0.0000, 0.0000, 0.0000



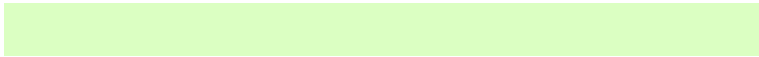
21.4041, 0.3127, 0.3290

Same Dimension

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



73.4952, 0.3232, 0.3817



90.4656, 0.3253, 0.3940



71.1451, 0.3078, 0.3791



16.3774, 0.3178, 0.3529



33.4758, 0.3256, 0.5797



2.5271, 0.3371, 0.5705

Inverse Universe

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



54.4883, 0.3001, 0.2773



62.5051, 0.2968, 0.2656



57.2563, 0.3179, 0.2835



14.3040, 0.3072, 0.3054



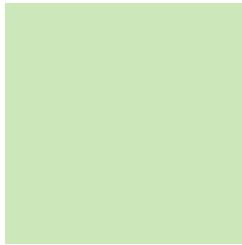
6.2383, 0.2208, 0.0990



0.5151, 0.2351, 0.1069

Previews

White Background



This preview shows how the Yxy color 73.4920, 0.3232, 0.3817 looks on a white background.

Color Contrast Check

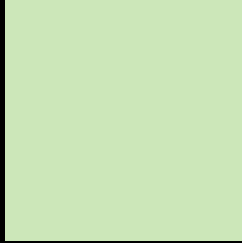
Large Text (above 18pt) WCAG AA × Fail

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 73.4920, 0.3232, 0.3817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

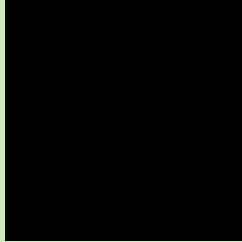
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

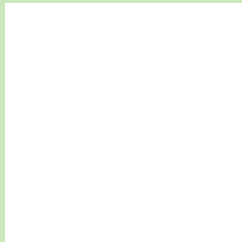
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.4920, 0.3232, 0.3817

Background



This preview shows how black text looks on a background with the Yxy color 73.4920, 0.3232, 0.3817.

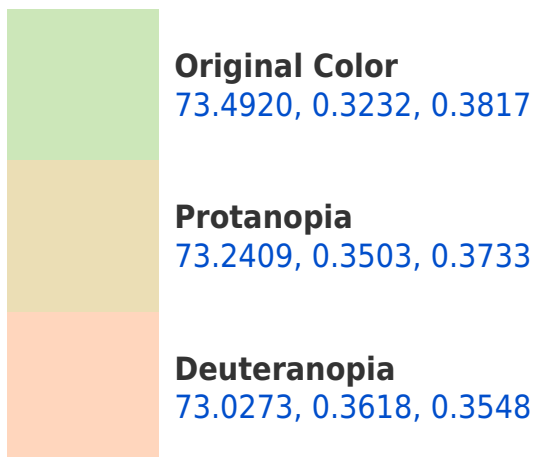


This preview shows how white text looks on a background with the Yxy color 73.4920, 0.3232, 0.3817.

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

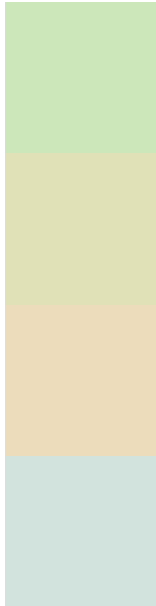




Tritanopia

73.2724, 0.2945, 0.3096

Trichromacy



Original Color

73.4920, 0.3232, 0.3817

Protanomaly

73.0751, 0.3407, 0.3766

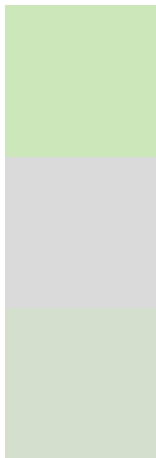
Deuteranomaly

72.6501, 0.3466, 0.3635

Tritanomaly

73.3148, 0.3049, 0.3345

Monochromacy



Original Color

73.4920, 0.3232, 0.3817

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.3777, 0.3168, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4920, 0.3232, 0.3817 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(204, 231, 185)` looks like.

```
.text, #text, p{  
    color:rgb(204, 231, 185)  
}
```

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(204, 231, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 231, 185) }
```

Border

The CSS property to change the border of an element to Yxy 73.4920, 0.3232, 0.3817 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(204, 231, 185) }
```

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

```
.border{ border-color:rgb(204, 231, 185) }
```

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

Here you see how a box with a 4 pixel rgb(204, 231, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 231, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 231, 185);  
box-shadow:4px 4px 4px 4px rgb(204, 231,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4920, 0.3232, 0.3817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 231, 185) }
```

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

```
.background{ background-color: rgb(204,  
231, 185) }
```

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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