

Converting Colors

$Yxy(72.1747, 0.3266, 0.3967)$

Have a look what the booklet for
Yxy(72.1747, 0.3266, 0.3967)
contains.

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Color

Yxy(72.1747, 0.3266, 0.3967)

Conversions

Conversions Part 1

Format	Color
Hex	C6E7AD
RGB	198, 231, 173
RGB Percent	78%, 91%, 68%
CMY	0.2233, 0.0942, 0.3215
CMYK	0.14, 0.00, 0.25, 0.09
HSL	94°, 55%, 79%
HSV	94°, 25%, 91%
XYZ	59.4209, 72.1747, 50.3422
YIQ	214.5210, -1.0500, -25.0340

Conversions

Conversions Part 2

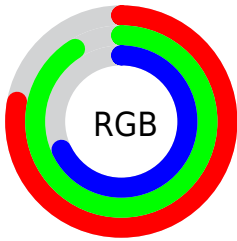
Format	Color
R _{YB}	173, 231, 206
Decimal	13035437
CIE Lab	88.05, -20.97, 24.75
CIE LCh	88, 32.438, 130.273
Yxy	72.1747, 0.3266, 0.3967
Android (android.graphics.Color)	4291225517 (0xFFC6E7AD)
YUV	214.5210, -20.4699, -14.4889
Hunter-Lab	84.9557, -23.8236, 24.3355

Details

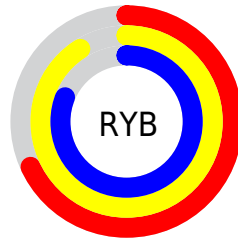
The Yxy color **72.1747, 0.3266, 0.3967** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **48.7763, 0.2951, 0.2627**, and the grayscale version is **67.7653, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4371, 0.3280, 0.3542**, and **37.9453, 0.3297, 0.4139** is the 20% darker color. If you saturate the color by 10%, you get **69.6524, 0.3314, 0.4270**, and if you desaturate by 10%, it is **75.0123, 0.3212, 0.3681**.

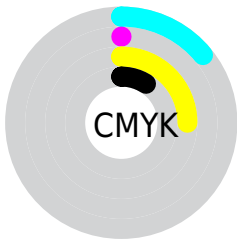
Distribution



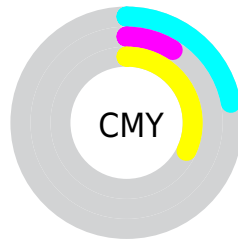
- Red (78%)
- Green (91%)
- Blue (68%)



- Red (68%)
- Yellow (91%)
- Blue (81%)



- Cyan (14%)
- Magenta (0%)
- Yellow (25%)
- Black (9%)




- Cyan (22%)
- Magenta (9%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.1747, 0.3266, 0.3967 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 72.1747, 0.3266, 0.3967 by changing the saturation by 10% instead.


 72.1747, 0.3266,
0.3967

 72.1747, 0.3266,
0.3967


468.1494, 0.3208,
0.3642

 53.3014, 0.3277,
0.4044


 122.3049, 0.3247,
0.3852

 38.0434, 0.3290,
0.4140


154.3305, 0.3240,
0.3808

 26.0164, 0.3305,
0.4263


191.5091, 0.3233,
0.3771

 16.8359, 0.3320,
0.4428

234.2250, 0.3227,
0.3738

 10.1176, 0.3335,
0.4656

282.8626, 0.3221,
0.3710

 5.4770, 0.3341,
0.4993


337.8062, 0.3217,

 2.5297, 0.3373,


0.3685

399.4404, 0.3212,
0.3662

0.5635

 0.8915, 0.2734,
0.7266

 0.0000, 0.0000,
0.0000


 72.1747, 0.3266,
0.3967


 72.1747, 0.3266,
0.3967


 69.6524, 0.3314,
0.4270

 75.0123, 0.3212,
0.3681

 67.4241, 0.3353,
0.4580

 78.1670, 0.3156,
0.3416

 65.4803, 0.3379,
0.4885

 81.6524, 0.3100,
0.3175

 63.8072, 0.3388,
0.5169

 84.7896, 0.3108,
0.3056

■ 62.3896, 0.3377,
0.5414

■ 85.6256, 0.3138,
0.3058

■ 61.2102, 0.3346,
0.5607

■ 60.2488, 0.3296,
0.5739

■ 59.8434, 0.3269,
0.5787

Harmonies

Analogous

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



72.1747, 0.3629, 0.3970



72.1747, 0.3266, 0.3967



72.1747, 0.2880, 0.3744

Triad

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



72.1747, 0.3266, 0.3967



72.1747, 0.2433, 0.2757



72.1747, 0.3703, 0.3170

Complementary

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



72.1747, 0.3266, 0.3967



48.7763, 0.2951, 0.2627

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.



72.1747, 0.3348, 0.2891



72.1747, 0.3266, 0.3967



72.1747, 0.2622, 0.2654

Square

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



72.1747, 0.3266, 0.3967



72.1747, 0.2416, 0.3013



72.1747, 0.2951, 0.2707



72.1747, 0.3895, 0.3488

Rectangle

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



72.1747, 0.3266, 0.3967



72.1747, 0.2662, 0.3508



72.1747, 0.2951, 0.2707



72.1747, 0.3597, 0.3069

Sweetspot

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



72.1778, 0.3266, 0.3967



96.6234, 0.3173, 0.3491



64.0839, 0.3569, 0.3657



20.5519, 0.3181, 0.3531



0.0000, 0.0000, 0.0000



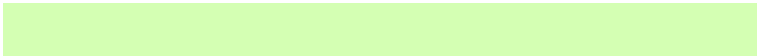
21.4041, 0.3127, 0.3290

Same Dimension

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



72.1778, 0.3266, 0.3967



88.6849, 0.3291, 0.4119



69.2015, 0.3071, 0.3954



16.3921, 0.3181, 0.3528



33.6229, 0.3280, 0.5777



2.5386, 0.3395, 0.5687

Inverse Universe

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



48.7763, 0.2951, 0.2627



54.7817, 0.2907, 0.2482



52.4338, 0.3187, 0.2705



14.2890, 0.3069, 0.3053



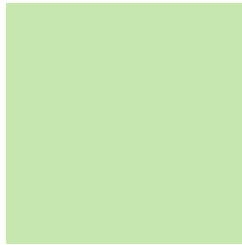
6.0232, 0.2164, 0.0966



0.4997, 0.2311, 0.1047

Previews

White Background



This preview shows how the Yxy color 72.1747, 0.3266, 0.3967 looks on a white background.

Color Contrast Check

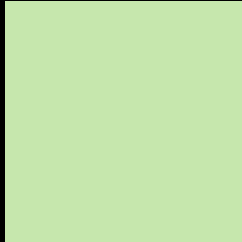
Large Text (above 18pt) WCAG AA × Fail

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 72.1747, 0.3266, 0.3967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

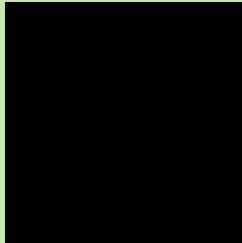
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

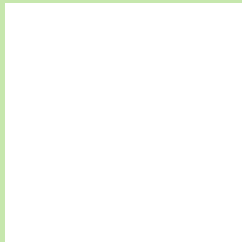
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.1747, 0.3266, 0.3967

Background



This preview shows how black text looks on a background with the Yxy color 72.1747, 0.3266, 0.3967.

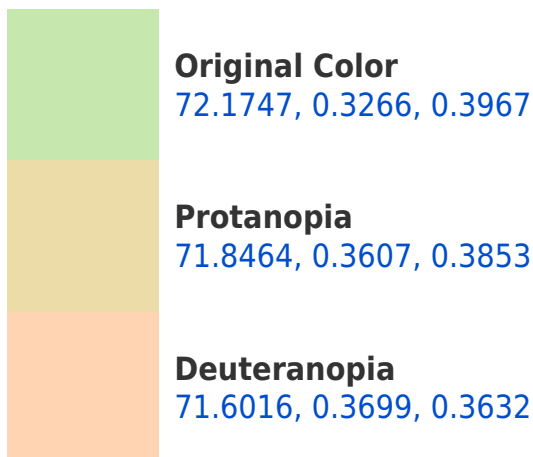


This preview shows how white text looks on a background with the Yxy color 72.1747, 0.3266, 0.3967.

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

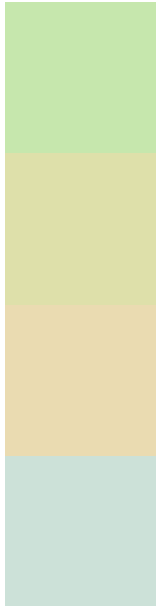




Tritanopia

71.9437, 0.2918, 0.3094

Trichromacy



Original Color

72.1747, 0.3266, 0.3967

Protanomaly

71.7432, 0.3475, 0.3893

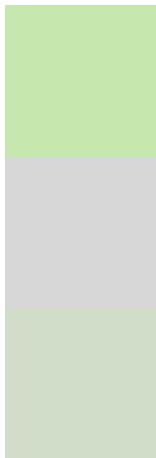
Deuteranomaly

71.3298, 0.3530, 0.3747

Tritanomaly

71.6457, 0.3040, 0.3391

Monochromacy



Original Color

72.1747, 0.3266, 0.3967

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

69.4383, 0.3180, 0.3529

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1747, 0.3266, 0.3967 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(198, 231, 173)` looks like.

```
.text, #text, p{  
    color:rgb(198, 231, 173)  
}
```

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(198, 231, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 231, 173) }
```

Border

The CSS property to change the border of an element to Yxy 72.1747, 0.3266, 0.3967 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(198, 231, 173) }
```

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

```
.border{ border-color:rgb(198, 231, 173) }
```

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

Here you see how a box with a 4 pixel rgb(198, 231, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 231, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 231, 173);  
box-shadow:4px 4px 4px 4px rgb(198, 231,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1747, 0.3266, 0.3967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 231, 173) }
```

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

```
.background{ background-color: rgb(198,  
231, 173) }
```

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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