

Converting Colors

$Yxy(72.5038, 0.3186, 0.3775)$

Have a look what the booklet for
Yxy(72.5038, 0.3186, 0.3775)
contains.

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Color

Yxy(72.5038, 0.3186, 0.3775)

Conversions

Conversions Part 1

Format	Color
Hex	C8E6BC
RGB	200, 230, 188
RGB Percent	78%, 90%, 74%
CMY	0.2158, 0.0980, 0.2626
CMYK	0.13, 0.00, 0.18, 0.10
HSL	103°, 46%, 82%
HSV	103°, 18%, 90%
XYZ	61.1913, 72.5038, 58.3680
YIQ	216.2420, -4.3980, -19.4220

Conversions

Conversions Part 2

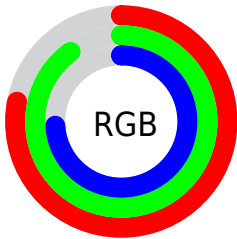
Format	Color
RYB	188, 230, 218
Decimal	13166268
CIELab	88.21, -17.45, 17.21
CIELCh	88, 24.502, 135.397
Yxy	72.5038, 0.3186, 0.3775
Android (android.graphics.Color)	4291356348 (0xFFC8E6BC)
YUV	216.2420, -13.9233, -14.2442
Hunter-Lab	85.1492, -20.7344, 18.9624

Details

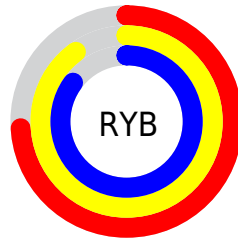
The Yxy color **72.5038, 0.3186, 0.3775** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.6141, 0.3055, 0.2825**, and the grayscale version is **68.9425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **38.1324, 0.3196, 0.3886** is the 20% darker color. If you saturate the color by 10%, you get **69.4470, 0.3214, 0.4077**, and if you desaturate by 10%, it is **75.9690, 0.3154, 0.3498**.

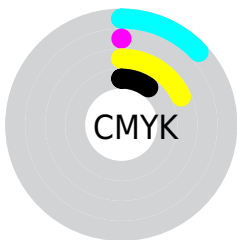
Distribution



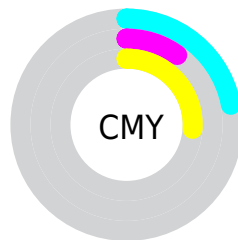
- Red (78%)
- Green (90%)
- Blue (74%)



- Red (74%)
- Yellow (90%)
- Blue (85%)



- Cyan (13%)
- Magenta (0%)
- Yellow (18%)
- Black (10%)



- Cyan (22%)
- Magenta (10%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.5038, 0.3186, 0.3775 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 72.5038, 0.3186, 0.3775 by changing the saturation by 10% instead.


 72.5038, 0.3186,
0.3775

 72.5038, 0.3186,
0.3775


469.2933, 0.3162,
0.3544

 53.5703, 0.3191,
0.3829

 122.7725, 0.3178,
0.3693

 38.2583, 0.3196,
0.3898


154.8766, 0.3175,
0.3662

 26.1832, 0.3201,
0.3985


192.1396, 0.3172,
0.3635

 16.9607, 0.3207,
0.4102

234.9460, 0.3170,
0.3612

 10.2065, 0.3212,
0.4265

283.6802, 0.3168,
0.3592

 5.5361, 0.3213,
0.4508

338.7265, 0.3166,

 2.5651, 0.3196,

0.3574

0.4906

400.4694, 0.3164,
0.3558

0.9092, 0.3252,
0.6748

0.0000, 0.0000,
0.0000

72.5038, 0.3186,
0.3775

72.5038, 0.3186,
0.3775

69.4470, 0.3214,
0.4077

75.9690, 0.3154,
0.3498

66.7740, 0.3236,
0.4398

79.8474, 0.3121,
0.3248

64.4718, 0.3250,
0.4728

84.0236, 0.3101,
0.3046

62.5230, 0.3252,
0.5050

85.0785, 0.3138,
0.3049

■ 60.9087, 0.3241,
0.5345

■ 59.6081, 0.3215,
0.5592

■ 58.5975, 0.3175,
0.5775

■ 57.8468, 0.3128,
0.5889

■ 57.7362, 0.3120,
0.5905

Harmonies

Analogous

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



72.5038, 0.3468, 0.3812



72.5038, 0.3186, 0.3775



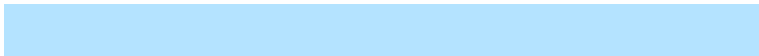
72.5038, 0.2897, 0.3587

Triad

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



72.5038, 0.3186, 0.3775



72.5038, 0.2612, 0.2864



72.5038, 0.3595, 0.3243

Complementary

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



72.5038, 0.3186, 0.3775



56.6141, 0.3055, 0.2825

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.



72.5038, 0.3347, 0.3017



72.5038, 0.3186, 0.3775



72.5038, 0.2780, 0.2801

Square

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



72.5038, 0.3186, 0.3775



72.5038, 0.2575, 0.3046



72.5038, 0.3046, 0.2859



72.5038, 0.3713, 0.3490

Rectangle

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



72.5038, 0.3186, 0.3775



72.5038, 0.2739, 0.3407



72.5038, 0.3046, 0.2859



72.5038, 0.3523, 0.3163

Sweetspot

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



72.5069, 0.3186, 0.3775



97.5162, 0.3144, 0.3414



70.2986, 0.3424, 0.3613



20.8001, 0.3146, 0.3433



0.0000, 0.0000, 0.0000



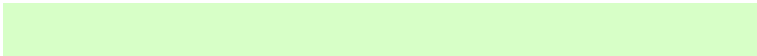
21.4041, 0.3127, 0.3290

Same Dimension

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



72.5069, 0.3186, 0.3775



90.0637, 0.3197, 0.3890



71.3003, 0.3052, 0.3685



16.2866, 0.3158, 0.3530



32.7377, 0.3130, 0.5897



2.4651, 0.3237, 0.5812

Inverse Universe

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



56.6141, 0.3055, 0.2825



66.3798, 0.3036, 0.2721



58.0613, 0.3212, 0.2925



14.3985, 0.3093, 0.3055



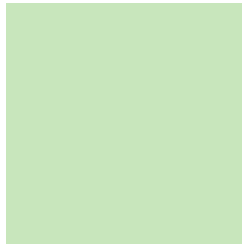
7.8037, 0.2502, 0.1152



0.6231, 0.2608, 0.1211

Previews

White Background



This preview shows how the Yxy color 72.5038, 0.3186, 0.3775 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 72.5038, 0.3186, 0.3775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

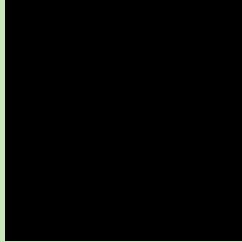
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

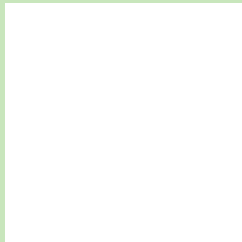
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.5038, 0.3186, 0.3775

Background



This preview shows how black text looks on a background with the Yxy color 72.5038, 0.3186, 0.3775.

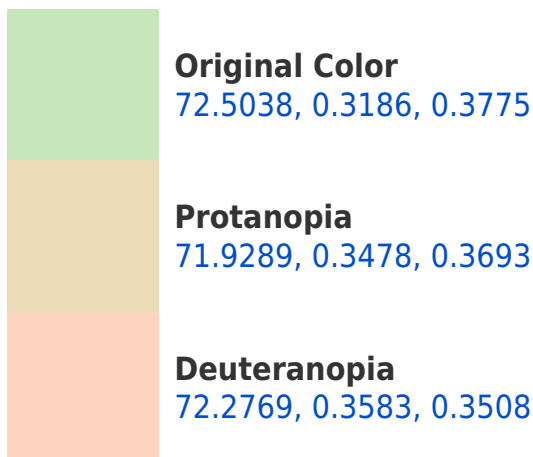


This preview shows how white text looks on a background with the Yxy color 72.5038, 0.3186, 0.3775.

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

72.4765, 0.2918, 0.3105

Trichromacy



Original Color

72.5038, 0.3186, 0.3775

Protanomaly

72.1862, 0.3366, 0.3725

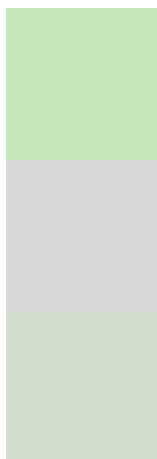
Deuteranomaly

71.9170, 0.3431, 0.3593

Tritanomaly

72.5923, 0.3015, 0.3345

Monochromacy



Original Color

72.5038, 0.3186, 0.3775

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.8708, 0.3148, 0.3459

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5038, 0.3186, 0.3775 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(200, 230, 188)` looks like.

```
.text, #text, p{  
    color:rgb(200, 230, 188)  
}
```

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(200, 230, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 230, 188) }
```

Border

The CSS property to change the border of an element to Yxy 72.5038, 0.3186, 0.3775 is called "border". The border property can be set on classes, ids or directly on the HTML element.

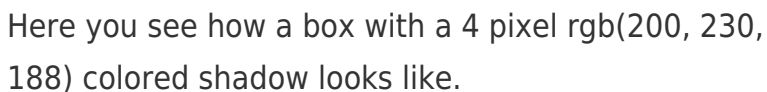
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(200, 230, 188) }
```

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

```
.border{ border-color:rgb(200, 230, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(200, 230, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 230, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 230, 188);  
box-shadow:4px 4px 4px 4px rgb(200, 230,  
188) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.5038, 0.3186, 0.3775$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 230, 188) }
```

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

```
.background{ background-color: rgb(200,  
230, 188) }
```

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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