

Converting Colors

$Yxy(72.0653, 0.3191, 0.3940)$

Have a look what the booklet for
Yxy(72.0653, 0.3191, 0.3940)
contains.

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Color

Yxy(71.9639, 0.3191, 0.3940)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---|
| Hex | BFE8B1 |
| RGB | 191, 232, 177 |
| RGB Percent | 75%, 91%, 69% |
| CMY | 0.2508, 0.0902, 0.3060 |
| CMYK | 0.18, 0.00, 0.24, 0.09 |
| HSL | 105°, 54%, 80% |
| HSV | 105°, 24%, 91% |
| XYZ | 58.2835, 71.9639, 52.4021 |
| YIQ | 213.4710, -6.7810, -25.7970 |

Conversions

Conversions Part 2

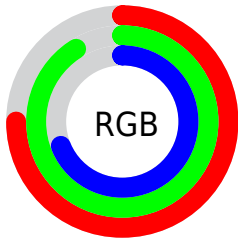
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 177, 232, 218 |
| Decimal | 12576945 |
| CIELab | 87.95, -23.28, 22.49 |
| CIELCh | 88, 32.370, 135.981 |
| Yxy | 71.9639, 0.3191, 0.3940 |
| Android (android.graphics.Color) | 4290767025 (0xFFBFE8B1) |
| YUV | 213.4710, -17.9802, -19.7071 |
| Hunter-Lab | 84.8315, -25.8169, 22.7575 |

Details

The Yxy color **71.9639, 0.3191, 0.3940** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **52.1588, 0.3041, 0.2680**, and the grayscale version is **67.0026, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3597, 0.3211, 0.3506**, and **37.8243, 0.3200, 0.4106** is the 20% darker color. If you saturate the color by 10%, you get **69.0098, 0.3212, 0.4256**, and if you desaturate by 10%, it is **75.3456, 0.3166, 0.3647**.

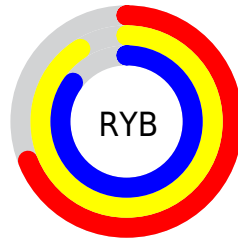
Distribution



Red (75%)

Green (91%)

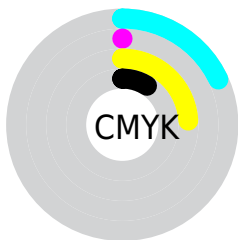
Blue (69%)



Red (69%)

Yellow (91%)

Blue (85%)

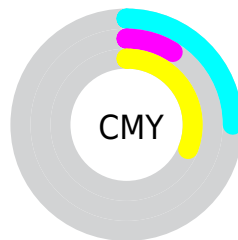


Cyan (18%)

Magenta (0%)

Yellow (24%)

Black (9%)



Cyan (25%)


Magenta (9%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.9639, 0.3191, 0.3940 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 71.9639, 0.3191, 0.3940 by changing the saturation by 10% instead.


 71.9639, 0.3191,
0.3940

 71.9639, 0.3191,
0.3940

467.4159, 0.3168,
0.3627

 53.1292, 0.3195,
0.4014


 122.0052, 0.3184,
0.3829

 37.9059, 0.3198,
0.4107

153.9806, 0.3181,
0.3787

 25.9097, 0.3201,
0.4228


191.1050, 0.3178,
0.3751

 16.7561, 0.3201,
0.4389

233.7628, 0.3176,
0.3719

 10.0607, 0.3196,
0.4614

282.3384, 0.3174,
0.3692

 5.4392, 0.3175,
0.4951


337.2162, 0.3171,

 2.5072, 0.3138,


0.3668


0.5552

398.7806, 0.3169,
0.3646

 0.8802, 0.2337,
0.7663


 0.0000, 0.0000,
0.0000


 71.9639, 0.3191,
0.3940


 71.9639, 0.3191,
0.3940


 69.0098, 0.3212,
0.4256


 75.3456, 0.3166,
0.3647


 66.4568, 0.3226,
0.4587

 79.1616, 0.3138,
0.3381

 64.2898, 0.3230,
0.4919

 83.4303, 0.3109,
0.3144

 62.4890, 0.3222,
0.5232

 86.1922, 0.3138,
0.3068

■ 61.0327, 0.3202,
0.5506

■ 59.8965, 0.3168,
0.5721

■ 59.0526, 0.3126,
0.5864

■ 58.6505, 0.3098,
0.5922

Harmonies

Analogous

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



71.9639, 0.3566, 0.3985



71.9639, 0.3191, 0.3940



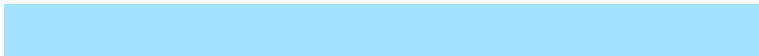
71.9639, 0.2814, 0.3681

Triad

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



71.9639, 0.3191, 0.3940



71.9639, 0.2457, 0.2726



71.9639, 0.3754, 0.3229

Complementary

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



71.9639, 0.3191, 0.3940



52.1588, 0.3041, 0.2680

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.



71.9639, 0.3423, 0.2939



71.9639, 0.3191, 0.3940



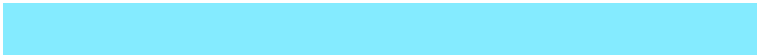
71.9639, 0.2676, 0.2654

Square

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



71.9639, 0.3191, 0.3940



71.9639, 0.2406, 0.2954



71.9639, 0.3024, 0.2733



71.9639, 0.3906, 0.3548

Rectangle

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



71.9639, 0.3191, 0.3940



71.9639, 0.2610, 0.3435



71.9639, 0.3024, 0.2733



71.9639, 0.3659, 0.3126

Sweetspot

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



71.9670, 0.3191, 0.3940



96.4693, 0.3147, 0.3466



70.1233, 0.3519, 0.3733



20.5860, 0.3149, 0.3482



0.0000, 0.0000, 0.0000



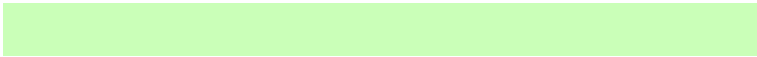
21.4041, 0.3127, 0.3290

Same Dimension

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



71.9670, 0.3191, 0.3940



87.4987, 0.3201, 0.4078



70.7667, 0.3019, 0.3798



16.2662, 0.3154, 0.3530



32.6119, 0.3107, 0.5915



2.4535, 0.3210, 0.5833

Inverse Universe

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



52.1588, 0.3041, 0.2680



59.2976, 0.3020, 0.2560



53.7149, 0.3257, 0.2831



14.4202, 0.3097, 0.3055



8.2122, 0.2572, 0.1190



0.6505, 0.2669, 0.1244

Previews

White Background



This preview shows how the Yxy color 71.9639, 0.3191, 0.3940 looks on a white background.

Color Contrast Check

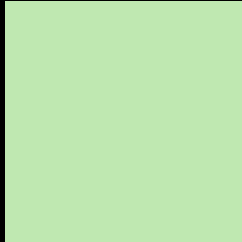
Large Text (above 18pt) WCAG AA × Fail

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 71.9639, 0.3191, 0.3940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

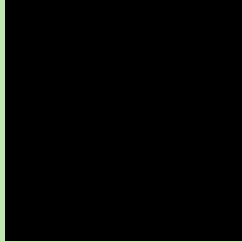
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

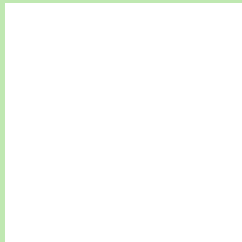
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.9639, 0.3191, 0.3940

Background



This preview shows how black text looks on a background with the Yxy color 71.9639, 0.3191, 0.3940.

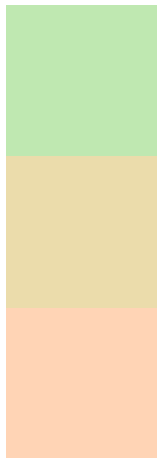


This preview shows how white text looks on a background with the Yxy color 71.9639, 0.3191, 0.3940.

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



Original Color

71.9639, 0.3191, 0.3940

Protanopia

71.7888, 0.3578, 0.3822

Deuteranopia

71.6832, 0.3684, 0.3611



Tritanopia

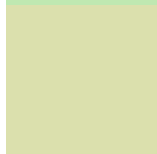
71.5437, 0.2867, 0.3091

Trichromacy



Original Color

71.9639, 0.3191, 0.3940



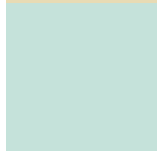
Protanomaly

71.3885, 0.3432, 0.3864



Deuteranomaly

71.1141, 0.3494, 0.3717



Tritanomaly

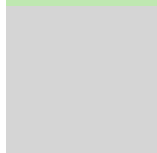
71.3250, 0.2980, 0.3381

Monochromacy



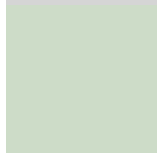
Original Color

71.9639, 0.3191, 0.3940



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

68.3357, 0.3152, 0.3520

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9639, 0.3191, 0.3940 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(191, 232, 177)` looks like.

```
.text, #text, p{  
    color:rgb(191, 232, 177)  
}
```

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(191, 232, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 232, 177) }
```

Border

The CSS property to change the border of an element to Yxy 71.9639, 0.3191, 0.3940 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(191, 232, 177) }
```

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

```
.border{ border-color:rgb(191, 232, 177) }
```

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

Here you see how a box with a 4 pixel rgb(191, 232, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 232, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 232, 177);  
box-shadow:4px 4px 4px 4px rgb(191, 232,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9639, 0.3191, 0.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 232, 177) }
```

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

```
.background{ background-color: rgb(191,  
232, 177) }
```

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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