

Converting Colors

Yxy(71.1141, 0.3373, 0.4368)

Have a look what the booklet for
Yxy(71.1141, 0.3373, 0.4368)
contains.

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Color

Yxy(70.9524, 0.3373, 0.4364)

Conversions

Conversions Part 1

Format	Color
Hex	BCE98F
RGB	188, 233, 143
RGB Percent	74%, 91%, 56%
CMY	0.2627, 0.0863, 0.4392
CMYK	0.19, 0.00, 0.39, 0.09
HSL	90°, 67%, 74%
HSV	90°, 39%, 91%
XYZ	54.8402, 70.9524, 36.7931
YIQ	209.2850, 2.0700, -37.5300

Conversions

Conversions Part 2

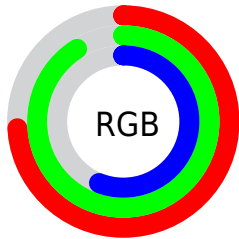
Format	Color
RYB	143, 233, 188
Decimal	12380559
CIELab	87.46, -29.70, 39.08
CIELCh	87, 49.086, 127.239
Yxy	70.9524, 0.3373, 0.4364
Android (android.graphics.Color)	4290570639 (0xFFBCE98F)
YUV	209.2850, -32.6785, -18.6669
Hunter-Lab	84.2332, -31.1955, 33.0654

Details

The Yxy color **70.9524, 0.3373, 0.4364** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **36.2197, 0.2774, 0.2220**, and the grayscale version is **64.1773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0097, 0.3399, 0.3863**, and **37.1862, 0.3406, 0.4642** is the 20% darker color. If you saturate the color by 10%, you get **68.9010, 0.3419, 0.4664**, and if you desaturate by 10%, it is **73.2760, 0.3316, 0.4065**.

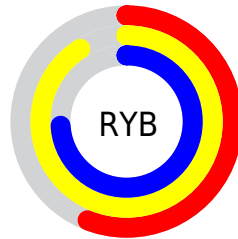
Distribution



Red (74%)

Green (91%)

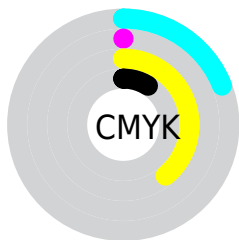
Blue (56%)



Red (56%)

Yellow (91%)

Blue (74%)

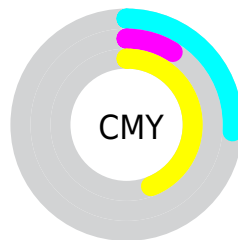


Cyan (19%)

Magenta (0%)

Yellow (39%)

Black (9%)



Cyan (26%)


Magenta (9%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.9524, 0.3373, 0.4364 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 70.9524, 0.3373, 0.4364 by changing the saturation by 10% instead.


 70.9524, 0.3373,
0.4364

 70.9524, 0.3373,
0.4364

463.8870, 0.3277,
0.3844

 52.3034, 0.3389,
0.4487

 120.5659, 0.3344,
0.4180

 37.2469, 0.3406,
0.4641


 152.2992, 0.3331,
0.4109

 25.3987, 0.3421,
0.4837

189.1627, 0.3320,
0.4049

 16.3744, 0.3431,
0.5096

231.5408, 0.3309,
0.3996

 9.7895, 0.3421,
0.5445

279.8179, 0.3300,
0.3951

 5.2596, 0.3378,
0.5966

334.3784, 0.3291,

 2.4004, 0.3224,

0.3911

0.6776

395.6066, 0.3284,
0.3875

0.8261, 0.0678,
0.9322

0.0000, 0.0000,
0.0000

70.9524, 0.3373,
0.4364

70.9524, 0.3373,
0.4364

68.9010, 0.3419,
0.4664

73.2760, 0.3316,
0.4065

67.1006, 0.3449,
0.4953

75.8736, 0.3252,
0.3777


65.5411, 0.3460,
0.5213

78.7586, 0.3185,
0.3506


64.2081, 0.3449,
0.5431


81.9408, 0.3118,
0.3257

 63.0845, 0.3415,
0.5595

 85.1357, 0.3079,
0.3074

 62.1471, 0.3364,
0.5704

 86.7579, 0.3137,
0.3078

 62.0286, 0.3356,
0.5717

Harmonies

Analogous

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



70.9524, 0.3912, 0.4292



70.9524, 0.3373, 0.4364



70.9524, 0.2796, 0.4055

Triad

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



70.9524, 0.3373, 0.4364



70.9524, 0.2096, 0.2513



70.9524, 0.3959, 0.3052

Complementary

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



70.9524, 0.3373, 0.4364



36.2197, 0.2774, 0.2220

Split Complementary

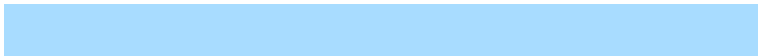
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.9524, 0.3392, 0.2670



70.9524, 0.3373, 0.4364



70.9524, 0.2338, 0.2360

Square

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



70.9524, 0.3373, 0.4364



70.9524, 0.2092, 0.2898



70.9524, 0.2795, 0.2424



70.9524, 0.4286, 0.3505

Rectangle

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



70.9524, 0.3373, 0.4364



70.9524, 0.2467, 0.3681



70.9524, 0.2795, 0.2424



70.9524, 0.3787, 0.2913

Sweetspot

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



70.9555, 0.3373, 0.4364



95.3975, 0.3209, 0.3597



54.6375, 0.3893, 0.3783



20.3186, 0.3217, 0.3632



0.0000, 0.0000, 0.0000



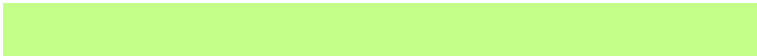
21.4041, 0.3127, 0.3290

Same Dimension

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



70.9555, 0.3373, 0.4364



85.1323, 0.3409, 0.4593



66.2363, 0.3081, 0.4467



17.2322, 0.3191, 0.3528



35.2701, 0.3367, 0.5708



2.8267, 0.3472, 0.5625

Inverse Universe

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



36.2197, 0.2774, 0.2220



37.0905, 0.2683, 0.1992



42.6025, 0.3158, 0.2334



14.9187, 0.3058, 0.3052



5.5364, 0.2024, 0.0889



0.4919, 0.2174, 0.0971

Previews

White Background



This preview shows how the Yxy color 70.9524, 0.3373, 0.4364 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 70.9524, 0.3373, 0.4364 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 70.9524, 0.3373, 0.4364

Background



This preview shows how black text looks on a background with the Yxy color 70.9524, 0.3373, 0.4364.



This preview shows how white text looks on a background with the Yxy color 70.9524, 0.3373, 0.4364.

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

70.9524, 0.3373, 0.4364

Protanopia

70.6463, 0.3838, 0.4165

Deuteranopia

70.4929, 0.3822, 0.3787



Tritanopia

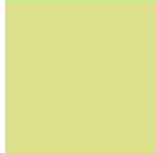
70.5015, 0.2884, 0.3091

Trichromacy



Original Color

70.9524, 0.3373, 0.4364



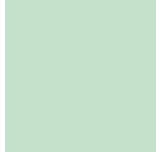
Protanomaly

70.3910, 0.3664, 0.4240



Deuteranomaly

70.0523, 0.3654, 0.3982



Tritanomaly

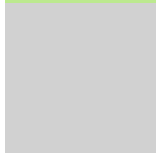
70.0804, 0.3067, 0.3533

Monochromacy



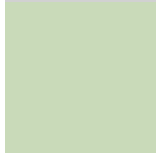
Original Color

70.9524, 0.3373, 0.4364



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

66.0631, 0.3225, 0.3679

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9524, 0.3373, 0.4364 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(188, 233, 143)` looks like.

```
.text, #text, p{  
    color:rgb(188, 233, 143)  
}
```

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(188, 233, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 233, 143) }
```

Border

The CSS property to change the border of an element to Yxy 70.9524, 0.3373, 0.4364 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(188, 233, 143) }
```

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

```
.border{ border-color:rgb(188, 233, 143) }
```

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

Here you see how a box with a 4 pixel rgb(188, 233, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 233, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 233, 143);  
box-shadow:4px 4px 4px 4px rgb(188, 233,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9524, 0.3373, 0.4364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 233, 143) }
```

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

```
.background{ background-color: rgb(188,  
233, 143) }
```

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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