

Converting Colors

Yxy(73.5574, 0.3024, 0.4825)

Have a look what the booklet for
Yxy(73.5574, 0.3024, 0.4825)
contains.

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Color

Yxy(73.5740, 0.3020, 0.4823)

Conversions

Conversions Part 1

Format	Color
Hex	7BF982
RGB	123, 249, 130
RGB Percent	48%, 98%, 51%
CMY	0.5179, 0.0235, 0.4900
CMYK	0.51, 0.00, 0.48, 0.02
HSL	123°, 91%, 73%
HSV	123°, 51%, 98%
XYZ	46.0696, 73.5740, 32.9046
YIQ	197.7600, -36.8970, -63.7210

Conversions

Conversions Part 2

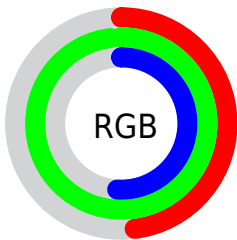
Format	Color
RYB	123, 242, 249
Decimal	8124802
CIELab	88.72, -58.62, 46.34
CIELCh	89, 74.725, 141.674
Yxy	73.5740, 0.3020, 0.4823
Android (android.graphics.Color)	4286314882 (0xFF7BF982)
YUV	197.7600, -33.4057, -65.5645
Hunter-Lab	85.7753, -54.2351, 37.2982

Details

The Yxy color **73.5740, 0.3020, 0.4823** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **40.7003, 0.3248, 0.2127**, and the grayscale version is **56.5378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0901, 0.3078, 0.4089**, and **39.1791, 0.2944, 0.5237** is the 20% darker color. If you saturate the color by 10%, you get **71.4083, 0.3004, 0.5162**, and if you desaturate by 10%, it is **76.3568, 0.3040, 0.4476**.

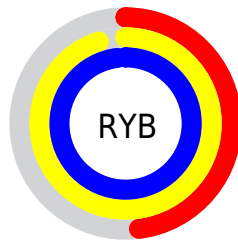
Distribution



Red (48%)

Green (98%)

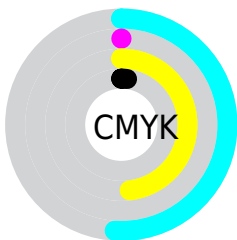
Blue (51%)



Red (48%)

Yellow (95%)

Blue (98%)

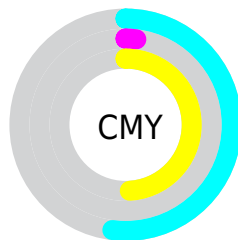


Cyan (51%)

Magenta (0%)

Yellow (48%)

Black (2%)



Cyan (52%)


Magenta (2%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.5740, 0.3020, 0.4823 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 73.5740, 0.3020, 0.4823 by changing the saturation by 10% instead.


 73.5740, 0.3020,
0.4823

 73.5740, 0.3020,
0.4823

473.0018, 0.3107,
0.4061


 54.4454, 0.2989,
0.5007


 124.2917, 0.3058,
0.4550

 38.9579, 0.2946,
0.5239

 156.6497, 0.3071,
0.4446

 26.7270, 0.2880,
0.5537


 194.1863, 0.3080,
0.4358

 17.3683, 0.2778,
0.5931

237.2858, 0.3088,
0.4282

 10.4974, 0.2608,
0.6465

286.3328, 0.3094,
0.4216

 5.7300, 0.2357,
0.7358


341.7115, 0.3099,

 2.6816, 0.1673,

0.4158

0.8327


403.8063, 0.3103,
0.4107

 0.9679, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 73.5740, 0.3020,
0.4823


 73.5740, 0.3020,
0.4823


 71.4083, 0.3004,
0.5162


 76.3568, 0.3040,
0.4476


 69.8045, 0.2992,
0.5468


 79.7888, 0.3062,
0.4141

 68.7130, 0.2988,
0.5716

 83.9110, 0.3084,
0.3830

 68.0711, 0.2989,
0.5888

 88.7580, 0.3106,
0.3551

 67.7890, 0.2993,
0.5975

 94.3625, 0.3126,
0.3304

 96.2372, 0.3130,
0.3233

Harmonies

Analogous

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



73.5740, 0.3855, 0.4901



73.5740, 0.3020, 0.4823



73.5740, 0.2259, 0.4065

Triad

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



73.5740, 0.3020, 0.4823



73.5740, 0.1792, 0.2027



73.5740, 0.4677, 0.3203

Complementary

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



73.5740, 0.3020, 0.4823



40.7003, 0.3248, 0.2127

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.



73.5740, 0.3948, 0.2635



73.5740, 0.3020, 0.4823



73.5740, 0.2260, 0.1990

Square

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



73.5740, 0.3020, 0.4823



73.5740, 0.1628, 0.2371



73.5740, 0.3025, 0.2207



73.5740, 0.4883, 0.3832

Rectangle

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



73.5740, 0.3020, 0.4823



73.5740, 0.1898, 0.3396



73.5740, 0.3025, 0.2207



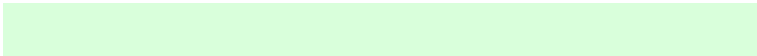
73.5740, 0.4481, 0.3004

Sweetspot

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



73.5771, 0.3020, 0.4823



91.3427, 0.3096, 0.3669



88.1885, 0.3824, 0.4538



19.3216, 0.3092, 0.3729



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.



73.5771, 0.3020, 0.4823



75.2850, 0.3003, 0.5177



75.7826, 0.2725, 0.4003



19.3251, 0.3108, 0.3521



36.2895, 0.2990, 0.5966



3.3664, 0.2967, 0.5881

Inverse Universe

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



40.7003, 0.3248, 0.2127



36.9384, 0.3275, 0.1938



37.5765, 0.3901, 0.2697



17.5067, 0.3147, 0.3069



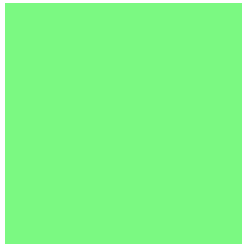
13.9983, 0.3356, 0.1622



1.3015, 0.3336, 0.1612

Previews

White Background



This preview shows how the Yxy color 73.5740, 0.3020, 0.4823 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 73.5740, 0.3020, 0.4823 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

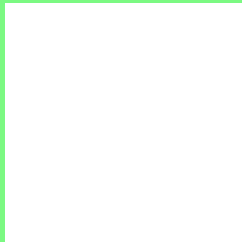
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.5740, 0.3020, 0.4823

Background



This preview shows how black text looks on a background with the Yxy color 73.5740, 0.3020, 0.4823.



This preview shows how white text looks on a background with the Yxy color 73.5740, 0.3020, 0.4823.

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

73.5740, 0.3020, 0.4823

Protanopia

72.1237, 0.3976, 0.4331

Deuteranopia

72.1432, 0.3782, 0.3776



Tritanopia

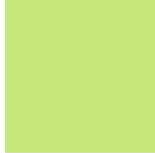
73.1517, 0.2534, 0.3071

Trichromacy



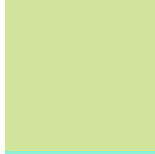
Original Color

73.5740, 0.3020, 0.4823



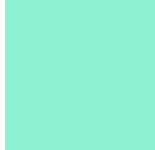
Protanomaly

70.7492, 0.3568, 0.4526



Deuteranomaly

70.5367, 0.3459, 0.4134



Tritanomaly

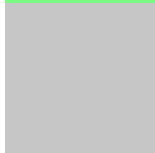
72.5863, 0.2713, 0.3671

Monochromacy



Original Color

73.5740, 0.3020, 0.4823



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

61.3008, 0.3087, 0.3850

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5740, 0.3020, 0.4823 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(123, 249, 130)` looks like.

```
.text, #text, p{  
    color:rgb(123, 249, 130)  
}
```

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(123, 249, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 249, 130) }
```

Border

The CSS property to change the border of an element to Yxy 73.5740, 0.3020, 0.4823 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(123, 249, 130) }
```

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

```
.border{ border-color:rgb(123, 249, 130) }
```

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

Here you see how a box with a 4 pixel rgb(123, 249, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 249, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 249, 130);  
box-shadow:4px 4px 4px 4px rgb(123, 249,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5740, 0.3020, 0.4823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 249, 130) }
```

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

```
.background{ background-color: rgb(123,  
249, 130) }
```

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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