

Converting Colors

$Yxy(73.5274, 0.2721, 0.3866)$

Have a look what the booklet for
Yxy(73.5274, 0.2721, 0.3866)
contains.

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Color

Yxy(73.5244, 0.2721, 0.3866)

Conversions

Conversions Part 1

Format	Color
Hex	82F4C6
RGB	130, 244, 198
RGB Percent	51%, 96%, 78%
CMY	0.4903, 0.0431, 0.2234
CMYK	0.47, 0.00, 0.19, 0.04
HSL	156°, 84%, 73%
HSV	156°, 47%, 96%
XYZ	51.7485, 73.5244, 64.9092
YIQ	204.6700, -53.1780, -38.4740

Conversions

Conversions Part 2

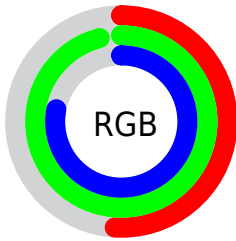
Format	Color
R_{YB}	130, 201, 244
Decimal	8582342
CIE _{Lab}	88.70, -43.00, 12.19
CIE _{LCh}	89, 44.697, 164.175
Yxy	73.5244, 0.2721, 0.3866
Android (android.graphics.Color)	4286772422 (0xFF82F4C6)
YUV	204.6700, -3.2883, -65.4856
Hunter-Lab	85.7464, -42.3301, 15.1405

Details

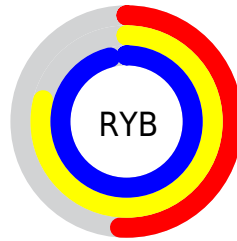
The Yxy color **73.5244, 0.2721, 0.3866** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **38.3233, 0.3875, 0.2796**, and the grayscale version is **60.8744, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4314, 0.2742, 0.3289**, and **38.8939, 0.2623, 0.4016** is the 20% darker color. If you saturate the color by 10%, you get **71.3824, 0.2664, 0.4017**, and if you desaturate by 10%, it is **76.1593, 0.2792, 0.3723**.

Distribution



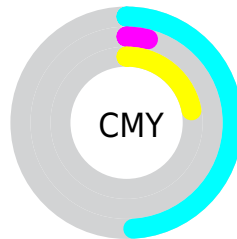
- Red (51%)
- Green (96%)
- Blue (78%)



- Red (51%)
- Yellow (79%)
- Blue (96%)



- Cyan (47%)
- Magenta (0%)
- Yellow (19%)
- Black (4%)




- Cyan (49%)
- Magenta (4%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.5244, 0.2721, 0.3866 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 73.5244, 0.2721, 0.3866 by changing the saturation by 10% instead.

 73.5244, 0.2721,
0.3866

 73.5244, 0.2721,
0.3866


472.8303, 0.2913,
0.3589


 54.4049, 0.2676,
0.3932


 124.2214, 0.2789,
0.3768

 38.9254, 0.2620,
0.4015


 156.5676, 0.2815,
0.3730

 26.7017, 0.2548,
0.4122


 194.0915, 0.2837,
0.3698

 17.3493, 0.2453,
0.4265

237.1775, 0.2856,
0.3670

 10.4839, 0.2321,
0.4468

286.2100, 0.2873,
0.3646

 5.7209, 0.2126,
0.4773


341.5734, 0.2888,


 2.6761, 0.1815,

0.3625

403.6520, 0.2901,
0.3606


0.5281


 0.9651, 0.0000,
0.8310


 0.0000, 0.0000,
0.0000


 73.5244, 0.2721,
0.3866


 73.5244, 0.2721,
0.3866


 71.3824, 0.2664,
0.4017


 76.1593, 0.2792,
0.3723


 69.6908, 0.2625,
0.4174


 79.3082, 0.2875,
0.3590


 68.4150, 0.2606,
0.4333


 83.0018, 0.2965,
0.3468


 67.5106, 0.2607,
0.4491

 87.2659, 0.3061,
0.3358

 66.9218, 0.2628,
0.4645

 92.1243, 0.3159,
0.3259

 66.7694, 0.2637,
0.4694

 93.1853, 0.3132,
0.3185

Harmonies

Analogous

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



73.5244, 0.3232, 0.4215



73.5244, 0.2721, 0.3866



73.5244, 0.2339, 0.3332

Triad

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



73.5244, 0.2721, 0.3866



73.5244, 0.2492, 0.2440



73.5244, 0.4194, 0.3591

Complementary

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



73.5244, 0.2721, 0.3866



38.3233, 0.3875, 0.2796

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.



73.5244, 0.3968, 0.3171



73.5244, 0.2721, 0.3866



73.5244, 0.2948, 0.2539

Square

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



73.5244, 0.2721, 0.3866



73.5244, 0.2221, 0.2536



73.5244, 0.3495, 0.2798



73.5244, 0.4100, 0.3983

Rectangle

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



73.5244, 0.2721, 0.3866



73.5244, 0.2199, 0.2990



73.5244, 0.3495, 0.2798



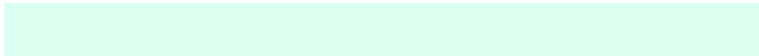
73.5244, 0.4153, 0.3450

Sweetspot

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



73.5274, 0.2721, 0.3866



92.9541, 0.2991, 0.3437



75.7202, 0.3347, 0.4640



19.6879, 0.2970, 0.3462



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.



73.5274, 0.2721, 0.3866



79.0289, 0.2667, 0.4008



70.4080, 0.2484, 0.3175



18.6381, 0.3034, 0.3387



36.3311, 0.2631, 0.4670



3.2135, 0.2577, 0.4478

Inverse Universe

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



38.3233, 0.3875, 0.2796



35.7860, 0.4112, 0.2710



39.4471, 0.4360, 0.3397



16.5932, 0.3230, 0.3195



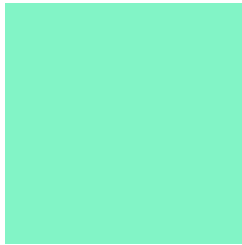
10.9665, 0.5367, 0.2730



0.9836, 0.5037, 0.2548

Previews

White Background



This preview shows how the Yxy color 73.5244, 0.2721, 0.3866 looks on a white background.

Color Contrast Check

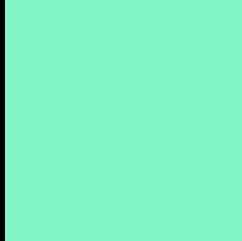
Large Text (above 18pt) WCAG AA × Fail

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 73.5244, 0.2721, 0.3866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

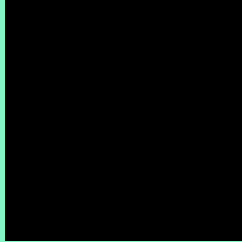
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.5244, 0.2721, 0.3866

Background



This preview shows how black text looks on a background with the Yxy color 73.5244, 0.2721, 0.3866.

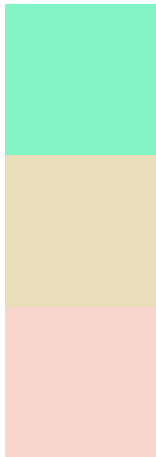


This preview shows how white text looks on a background with the Yxy color 73.5244, 0.2721, 0.3866.

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

73.5244, 0.2721, 0.3866

Protanopia

72.5817, 0.3455, 0.3670

Deuteranopia

72.6406, 0.3454, 0.3384



Tritanopia

73.3219, 0.2508, 0.3070

Trichromacy



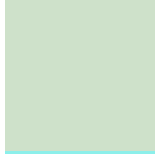
Original Color

73.5244, 0.2721, 0.3866



Protanomaly

71.4921, 0.3147, 0.3745



Deuteranomaly

71.2365, 0.3143, 0.3552



Tritanomaly

73.2490, 0.2584, 0.3348

Monochromacy



Original Color

73.5244, 0.2721, 0.3866



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

64.3923, 0.2951, 0.3496

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5244, 0.2721, 0.3866 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(130, 244, 198)` looks like.

```
.text, #text, p{  
    color:rgb(130, 244, 198)  
}
```

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(130, 244, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 244, 198) }
```

Border

The CSS property to change the border of an element to Yxy 73.5244, 0.2721, 0.3866 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(130, 244, 198) }
```

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

```
.border{ border-color:rgb(130, 244, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 244, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 244, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 244, 198);  
box-shadow:4px 4px 4px 4px rgb(130, 244,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5244, 0.2721, 0.3866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 244, 198) }
```

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

```
.background{ background-color: rgb(130,  
244, 198) }
```

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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