

Converting Colors

$Yxy(73.6078, 0.2643, 0.3786)$

Have a look what the booklet for
Yxy(73.6078, 0.2643, 0.3786)
contains.

Yxy(73.7057, 0.2645, 0.3791)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.7057, 0.2645, 0.3791)

Conversions

Conversions Part 1

Format	Color
Hex	78F5CD
RGB	120, 245, 205
RGB Percent	47%, 96%, 80%
CMY	0.5292, 0.0392, 0.1960
CMYK	0.51, 0.00, 0.16, 0.04
HSL	161°, 86%, 72%
HSV	161°, 51%, 96%
XYZ	51.4248, 73.7057, 69.2923
YIQ	203.0650, -61.6600, -38.9400

Conversions

Conversions Part 2

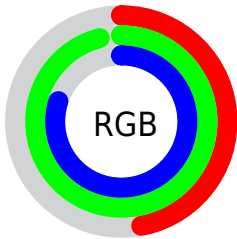
Format	Color
RYB	120, 194, 245
Decimal	7927245
CIELab	88.78, -44.23, 8.63
CIELCh	89, 45.060, 168.958
Yxy	73.7057, 0.2645, 0.3791
Android (android.graphics.Color)	4286117325 (0xFF78F5CD)
YUV	203.0650, 0.9540, -72.8480
Hunter-Lab	85.8520, -43.3206, 12.2427

Details

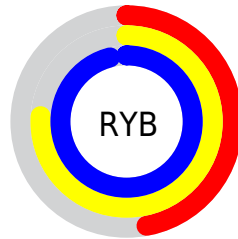
The Yxy color **73.7057, 0.2645, 0.3791** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **35.3946, 0.4106, 0.2865**, and the grayscale version is **59.7966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3237, 0.2696, 0.3289**, and **39.0416, 0.2527, 0.3915** is the 20% darker color. If you saturate the color by 10%, you get **71.8054, 0.2588, 0.3910**, and if you desaturate by 10%, it is **76.0789, 0.2718, 0.3677**.

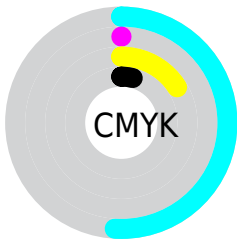
Distribution



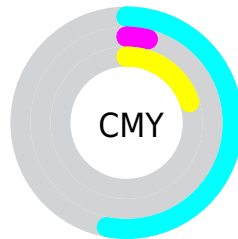
- Red (47%)
- Green (96%)
- Blue (80%)



- Red (47%)
- Yellow (76%)
- Blue (96%)



- Cyan (51%)
- Magenta (0%)
- Yellow (16%)
- Black (4%)




- Cyan (53%)
- Magenta (4%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.7057, 0.2645, 0.3791 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 73.7057, 0.2645, 0.3791 by changing the saturation by 10% instead.

 73.7057, 0.2645,
0.3791

 73.7057, 0.2645,
0.3791


473.4570, 0.2870,
0.3552


 54.5532, 0.2593,
0.3847


 124.4785, 0.2724,
0.3707

 39.0441, 0.2529,
0.3918


 156.8676, 0.2754,
0.3674

 26.7940, 0.2447,
0.4008


 194.4378, 0.2780,
0.3647

 17.4186, 0.2339,
0.4129

237.5733, 0.2803,
0.3623

 10.5334, 0.2193,
0.4297

286.6585, 0.2823,
0.3602

 5.7540, 0.1981,
0.4549


342.0780, 0.2841,

 2.6961, 0.1652,


0.3583

0.4960

404.2160, 0.2856,
0.3567


 0.9752, 0.0000,
0.6817


 0.0000, 0.0000,
0.0000

 73.7057, 0.2645,
0.3791


 73.7057, 0.2645,
0.3791

 71.8054, 0.2588,
0.3910


 76.0789, 0.2718,
0.3677


 70.3340, 0.2550,
0.4033

 78.9477, 0.2805,
0.3570


 69.2543, 0.2533,
0.4157

 82.3438, 0.2902,
0.3471


 68.5178, 0.2536,
0.4280

 86.2934, 0.3007,
0.3380

 68.0794, 0.2553,
0.4389

 90.8214, 0.3116,
0.3298

 93.5943, 0.3149,
0.3222

 93.7829, 0.3132,
0.3194

Harmonies

Analogous

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



73.7057, 0.3147, 0.4187



73.7057, 0.2645, 0.3791



73.7057, 0.2291, 0.3245

Triad

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



73.7057, 0.2645, 0.3791



73.7057, 0.2550, 0.2438



73.7057, 0.4208, 0.3660

Complementary

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



73.7057, 0.2645, 0.3791



35.3946, 0.4106, 0.2865

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.



73.7057, 0.4030, 0.3235



73.7057, 0.2645, 0.3791



73.7057, 0.3031, 0.2566

Square

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



73.7057, 0.2645, 0.3791



73.7057, 0.2244, 0.2502



73.7057, 0.3583, 0.2849



73.7057, 0.4065, 0.4040

Rectangle

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



73.7057, 0.2645, 0.3791



73.7057, 0.2174, 0.2914



73.7057, 0.3583, 0.2849



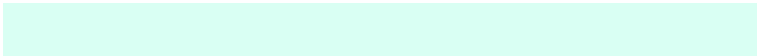
73.7057, 0.4185, 0.3519

Sweetspot

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



73.7086, 0.2645, 0.3791



92.6903, 0.2964, 0.3415



74.3098, 0.3290, 0.4805



19.6442, 0.2942, 0.3435



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.



73.7086, 0.2645, 0.3791



78.6178, 0.2588, 0.3912



63.9925, 0.2414, 0.3033



18.6623, 0.3023, 0.3367



36.7032, 0.2547, 0.4369



3.2445, 0.2505, 0.4217

Inverse Universe

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



35.3946, 0.4106, 0.2865



32.4456, 0.4423, 0.2804



39.7811, 0.4469, 0.3516



16.5699, 0.3243, 0.3215



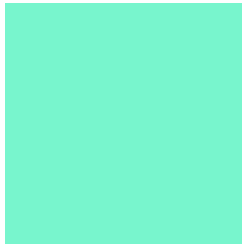
10.7793, 0.5692, 0.2909



0.9653, 0.5340, 0.2715

Previews

White Background



This preview shows how the Yxy color 73.7057, 0.2645, 0.3791 looks on a white background.

Color Contrast Check

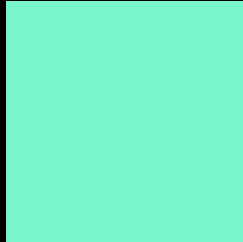
Large Text (above 18pt) WCAG AA × Fail

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 73.7057, 0.2645, 0.3791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

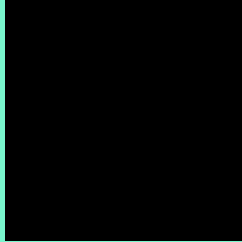
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.7057, 0.2645, 0.3791

Background



This preview shows how black text looks on a background with the Yxy color 73.7057, 0.2645, 0.3791.

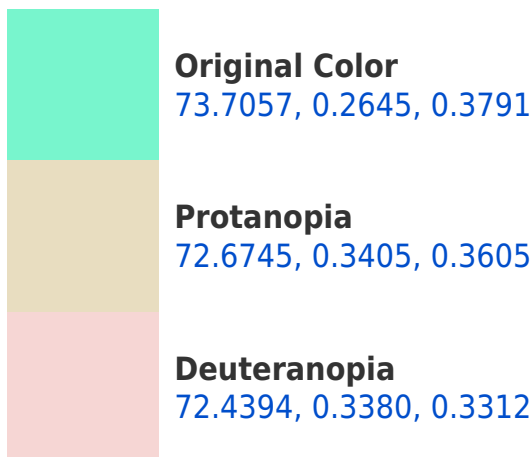


This preview shows how white text looks on a background with the Yxy color 73.7057, 0.2645, 0.3791.

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

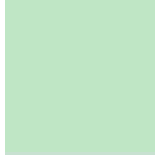
73.5392, 0.2492, 0.3081

Trichromacy



Original Color

73.7057, 0.2645, 0.3791



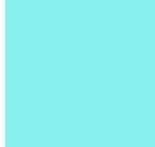
Protanomaly

71.7012, 0.3069, 0.3676



Deuteranomaly

70.7332, 0.3056, 0.3473



Tritanomaly

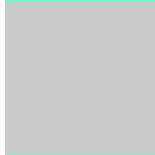
73.5029, 0.2545, 0.3324

Monochromacy



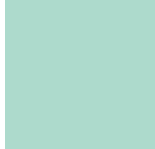
Original Color

73.7057, 0.2645, 0.3791



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

63.3867, 0.2905, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7057, 0.2645, 0.3791 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(120, 245, 205)` looks like.

```
.text, #text, p{  
    color:rgb(120, 245, 205)  
}
```

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(120, 245, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 245, 205) }
```

Border

The CSS property to change the border of an element to Yxy 73.7057, 0.2645, 0.3791 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(120, 245, 205) }
```

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

```
.border{ border-color:rgb(120, 245, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 245, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 245, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 245, 205);  
box-shadow:4px 4px 4px 4px rgb(120, 245,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7057, 0.2645, 0.3791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 245, 205) }
```

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

```
.background{ background-color: rgb(120,  
245, 205) }
```

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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