

Converting Colors

$Y_{xy}(73.9892, 0.2471, 0.3291)$

Have a look what the booklet for
Yxy(73.9892, 0.2471, 0.3291)
contains.

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Color

Yxy(73.9081, 0.2470, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	78F2F2
RGB	120, 242, 242
RGB Percent	47%, 95%, 95%
CMY	0.5296, 0.0509, 0.0509
CMYK	0.50, 0.00, 0.00, 0.05
HSL	180°, 82%, 71%
HSV	180°, 50%, 95%
XYZ	55.5210, 73.9081, 95.3522
YIQ	205.5220, -72.7120, -25.8640

Conversions

Conversions Part 2

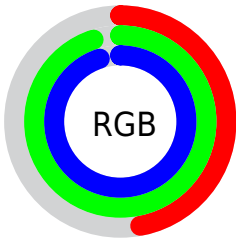
Format	Color
RYB	120, 181, 242
Decimal	7926514
CIELab	88.88, -34.10, -10.52
CIELCh	89, 35.683, 197.147
Yxy	73.9081, 0.2470, 0.3288
Android (android.graphics.Color)	4286116594 (0xFF78F2F2)
YUV	205.5220, 17.9837, -75.0028
Hunter-Lab	85.9698, -35.1684, -5.5818

Details

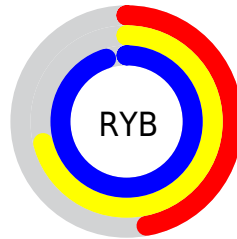
The Yxy color **73.9081, 0.2470, 0.3288** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **33.6575, 0.4573, 0.3294**, and the grayscale version is **61.3130, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4433, 0.2701, 0.3289**, and **39.0000, 0.2322, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **72.3941, 0.2388, 0.3288**, and if you desaturate by 10%, it is **75.8649, 0.2571, 0.3288**.

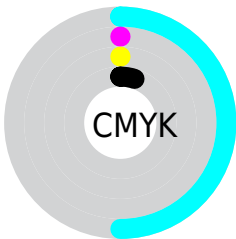
Distribution



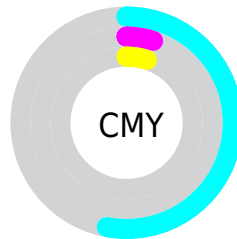
- Red (47%)
- Green (95%)
- Blue (95%)



- Red (47%)
- Yellow (71%)
- Blue (95%)



- Cyan (50%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)





- Cyan (53%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.9081, 0.2470, 0.3288 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 73.9081, 0.2470, 0.3288 by changing the saturation by 10% instead.


 73.9081, 0.2470,
0.3288


 73.9081, 0.2470,
0.3288

474.1561, 0.2767,
0.3296


 54.7188, 0.2404,
0.3284


 124.7655, 0.2571,
0.3292

 39.1766, 0.2324,
0.3279


 157.2025, 0.2611,
0.3294

 26.8972, 0.2224,
0.3271


 194.8241, 0.2646,
0.3294

 17.4960, 0.2096,
0.3258

238.0148, 0.2676,
0.3295

 10.5888, 0.1928,
0.3236

287.1589, 0.2703,
0.3296

 5.7910, 0.1699,
0.3198

342.6409, 0.2726,

 2.7184, 0.1371,

0.3296

0.3120

404.8452, 0.2748,
0.3296

0.9866, 0.0322,
0.3119

0.0000, 0.0000,
0.0000

73.9081, 0.2470,
0.3288

73.9081, 0.2470,
0.3288

72.3941, 0.2388,
0.3288

75.8649, 0.2571,
0.3288

71.2808, 0.2326,
0.3288


78.2861, 0.2689,
0.3289

70.5325, 0.2283,
0.3287

81.2019, 0.2822,
0.3289


70.1033, 0.2257,
0.3287

84.6378, 0.2967,
0.3290


 69.9190, 0.2247,
0.3287

 88.6172, 0.3120,
0.3290

 91.1836, 0.3212,
0.3290

 91.1840, 0.3212,
0.3290

 91.1844, 0.3212,
0.3290

 91.1848, 0.3212,
0.3290

Harmonies

Analogous

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



73.9081, 0.2769, 0.3705



73.9081, 0.2470, 0.3288



73.9081, 0.2342, 0.2908

Triad

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



73.9081, 0.2470, 0.3288



73.9081, 0.3030, 0.2693



73.9081, 0.3889, 0.3884

Complementary

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



73.9081, 0.2470, 0.3288



33.6575, 0.4573, 0.3294

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.



73.9081, 0.3981, 0.3580



73.9081, 0.2470, 0.3288



73.9081, 0.3466, 0.2919

Square

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



73.9081, 0.2470, 0.3288



73.9081, 0.2647, 0.2600



73.9081, 0.3824, 0.3234



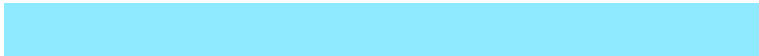
73.9081, 0.3589, 0.4053

Rectangle

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



73.9081, 0.2470, 0.3288



73.9081, 0.2363, 0.2730



73.9081, 0.3824, 0.3234



73.9081, 0.3946, 0.3792

Sweetspot

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



73.9110, 0.2470, 0.3288



93.4527, 0.2899, 0.3289



68.8565, 0.3052, 0.4900



19.8295, 0.2868, 0.3289



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.



73.9110, 0.2470, 0.3288



81.4152, 0.2383, 0.3288



43.4427, 0.2315, 0.2497



17.9289, 0.2981, 0.3290



37.5568, 0.2247, 0.3287



3.1244, 0.2247, 0.3287

Inverse Universe

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



38.7130, 0.3184, 0.2077



37.4889, 0.3194, 0.1877



53.2757, 0.4192, 0.3950



16.0314, 0.3138, 0.3057



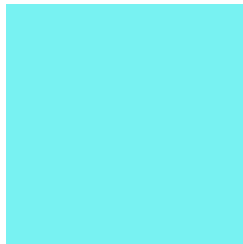
13.5847, 0.3209, 0.1542



1.1301, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 73.9081, 0.2470, 0.3288 looks on a white background.

Color Contrast Check

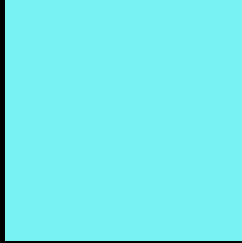
Large Text (above 18pt) WCAG AA × Fail

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 73.9081, 0.2470, 0.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

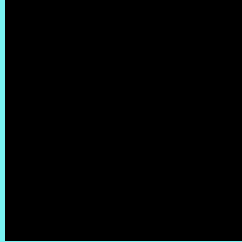
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.9081, 0.2470, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 73.9081, 0.2470, 0.3288.

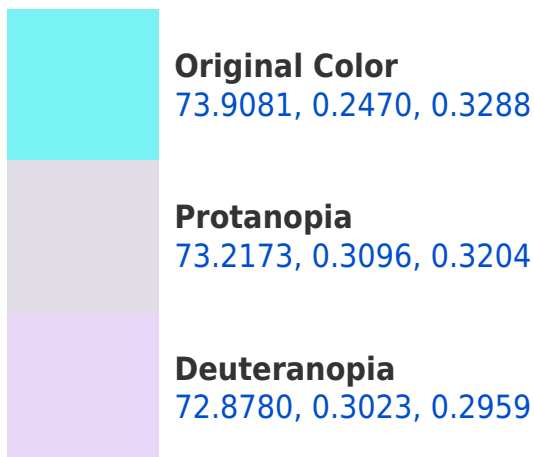


This preview shows how white text looks on a background with the Yxy color 73.9081, 0.2470, 0.3288.

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

73.9445, 0.2486, 0.3092

Trichromacy



Original Color

73.9081, 0.2470, 0.3288



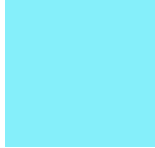
Protanomaly

72.4182, 0.2817, 0.3232



Deuteranomaly

71.5806, 0.2777, 0.3056



Tritanomaly

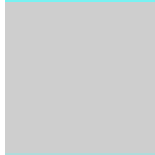
73.6217, 0.2480, 0.3159

Monochromacy



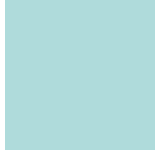
Original Color

73.9081, 0.2470, 0.3288



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

64.8915, 0.2828, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9081, 0.2470, 0.3288 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, 242, 242)` looks like.

```
.text, #text, p{  
    color:rgb(120, 242, 242)  
}
```

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, 242, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 242, 242) }
```

Border

The CSS property to change the border of an element to Yxy 73.9081, 0.2470, 0.3288 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, 242, 242) }
```

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

```
.border{ border-color:rgb(120, 242, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 242, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 242, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 242, 242);  
box-shadow:4px 4px 4px 4px rgb(120, 242,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9081, 0.2470, 0.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 242, 242) }
```

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

```
.background{ background-color: rgb(120,  
242, 242) }
```

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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