

Converting Colors

$Yxy(72.3068, 0.2463, 0.3241)$

Have a look what the booklet for
Yxy(72.3068, 0.2463, 0.3241)
contains.

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Color

Yxy(72.2690, 0.2463, 0.3240)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 79EFF3 |
| RGB | 121, 239, 243 |
| RGB Percent | 47%, 94%, 95% |
| CMY | 0.5251, 0.0628, 0.0471 |
| CMYK | 0.50, 0.02, 0.00, 0.05 |
| HSL | 182°, 84%, 71% |
| HSV | 182°, 50%, 95% |
| XYZ | 54.9378, 72.2690, 95.8456 |
| YIQ | 204.1740, -71.6120, -23.7720 |

Conversions

Conversions Part 2

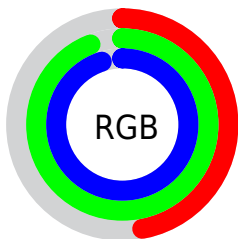
| Format | Color |
|-------------------------------------|---|
| RYB | 121, 181, 243 |
| Decimal | 7991283 |
| CIELab | 88.10, -32.20, -12.20 |
| CIElCh | 88, 34.431, 200.747 |
| Yxy | 72.2690, 0.2463, 0.3240 |
| Android (android.graphics.Color) | 4286181363 (0xFF79EFF3) |
| YUV | 204.1740, 19.1412, -72.9436 |
| Hunter-Lab | 85.0112, -33.4153, -7.3385 |

Details

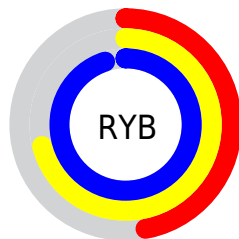
The Yxy color **72.2690, 0.2463, 0.3240** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **35.1287, 0.4537, 0.3337**, and the grayscale version is **60.4248, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5638, 0.2706, 0.3289**, and **38.2671, 0.2315, 0.3224** is the 20% darker color. If you saturate the color by 10%, you get **70.2638, 0.2377, 0.3229**, and if you desaturate by 10%, it is **74.7241, 0.2568, 0.3251**.

Distribution



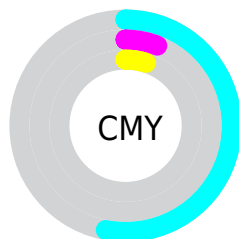
- Red (47%)
- Green (94%)
- Blue (95%)



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



- Cyan (50%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)





- Cyan (53%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.2690, 0.2463, 0.3240 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 72.2690, 0.2463, 0.3240 by changing the saturation by 10% instead.


 72.2690, 0.2463,
0.3240


 72.2690, 0.2463,
0.3240


468.4774, 0.2764,
0.3271


 53.3784, 0.2396,
0.3231


 122.4389, 0.2566,
0.3252

 38.1050, 0.2315,
0.3219


 154.4870, 0.2606,
0.3257

 26.0642, 0.2213,
0.3203


 191.6898, 0.2641,
0.3260

 16.8717, 0.2083,
0.3179

234.4317, 0.2672,
0.3263

 10.1430, 0.1912,
0.3142

283.0969, 0.2699,
0.3266

 5.4939, 0.1678,
0.3081

338.0700, 0.2723,

 2.5399, 0.1343,

0.3268

0.2968

399.7354, 0.2744,
0.3269

0.8965, 0.0215,
0.2915

0.0000, 0.0000,
0.0000

72.2690, 0.2463,
0.3240

72.2690, 0.2463,
0.3240

70.2638, 0.2377,
0.3229

74.7241, 0.2568,
0.3251

68.6661, 0.2310,
0.3218


77.6509, 0.2689,
0.3262


67.4402, 0.2262,
0.3207


81.0800, 0.2824,
0.3272


66.5398, 0.2233,
0.3196


85.0369, 0.2970,
0.3281

 65.8964, 0.2218,
0.3185

 89.5453, 0.3125,
0.3290

 92.3023, 0.3205,
0.3298

 92.7833, 0.3204,
0.3306

 93.2663, 0.3204,
0.3313

 93.7514, 0.3203,
0.3321

Harmonies

Analogous

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



72.2690, 0.2737, 0.3648



72.2690, 0.2463, 0.3240



72.2690, 0.2360, 0.2883

Triad

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



72.2690, 0.2463, 0.3240



72.2690, 0.3083, 0.2728



72.2690, 0.3843, 0.3897

Complementary

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



72.2690, 0.2463, 0.3240



35.1287, 0.4537, 0.3337

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.



72.2690, 0.3959, 0.3613



72.2690, 0.2463, 0.3240



72.2690, 0.3505, 0.2962

Square

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



72.2690, 0.2463, 0.3240



72.2690, 0.2699, 0.2620



72.2690, 0.3834, 0.3277



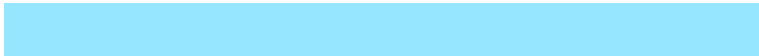
72.2690, 0.3533, 0.4038

Rectangle

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



72.2690, 0.2463, 0.3240



72.2690, 0.2395, 0.2722



72.2690, 0.3834, 0.3277



72.2690, 0.3907, 0.3813

Sweetspot

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



72.2718, 0.2463, 0.3240



92.6542, 0.2898, 0.3277



69.6051, 0.3043, 0.4866



19.6347, 0.2867, 0.3275



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.



72.2718, 0.2463, 0.3240



78.3994, 0.2377, 0.3229



43.1902, 0.2314, 0.2474



18.6589, 0.2981, 0.3282



36.2079, 0.2219, 0.3187



3.2111, 0.2222, 0.3200

Inverse Universe

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



38.9829, 0.3220, 0.2114



37.6632, 0.3239, 0.1929



54.7500, 0.4173, 0.3968



16.7583, 0.3143, 0.3064



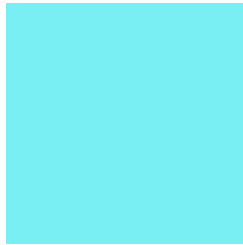
13.7546, 0.3293, 0.1588



1.2118, 0.3282, 0.1581

Previews

White Background



This preview shows how the Yxy color 72.2690, 0.2463, 0.3240 looks on a white background.

Color Contrast Check

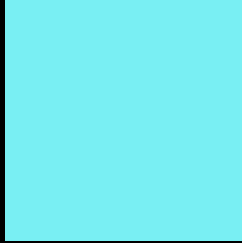
Large Text (above 18pt) WCAG AA × Fail

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 72.2690, 0.2463, 0.3240 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 72.2690, 0.2463, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 72.2690, 0.2463, 0.3240.

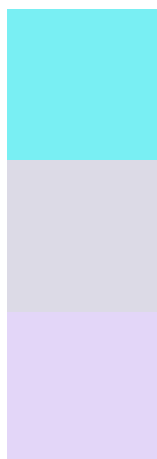


This preview shows how white text looks on a background with the Yxy color 72.2690, 0.2463, 0.3240.

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

72.2690, 0.2463, 0.3240

Protanopia

71.0716, 0.3062, 0.3160

Deuteranopia

71.2013, 0.2996, 0.2935



Tritanopia

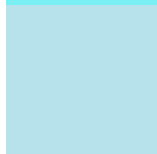
71.9567, 0.2439, 0.3066

Trichromacy



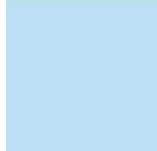
Original Color

72.2690, 0.2463, 0.3240



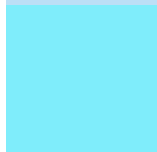
Protanomaly

70.5812, 0.2797, 0.3187



Deuteranomaly

70.1205, 0.2757, 0.3032



Tritanomaly

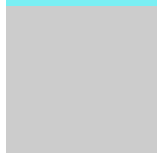
72.0454, 0.2447, 0.3123

Monochromacy



Original Color

72.2690, 0.2463, 0.3240



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

63.6863, 0.2826, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2690, 0.2463, 0.3240 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(121, 239, 243)` looks like.

```
.text, #text, p{  
    color:rgb(121, 239, 243)  
}
```

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(121, 239, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 239, 243) }
```

Border

The CSS property to change the border of an element to Yxy 72.2690, 0.2463, 0.3240 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(121, 239, 243) }
```

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

```
.border{ border-color:rgb(121, 239, 243) }
```

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

Here you see how a box with a 4 pixel rgb(121, 239, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 239, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 239, 243);  
box-shadow:4px 4px 4px 4px rgb(121, 239,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 72.2690, 0.2463, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 239, 243) }
```

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

```
.background{ background-color: rgb(121,  
239, 243) }
```

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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