

Converting Colors

$Yxy(74.2252, 0.2650, 0.3448)$

Have a look what the booklet for
Yxy(74.2252, 0.2650, 0.3448)
contains.

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Color

Yxy(73.9772, 0.2648, 0.3444)

Conversions

Conversions Part 1

Format	Color
Hex	92F0E3
RGB	146, 240, 227
RGB Percent	57%, 94%, 89%
CMY	0.4274, 0.0588, 0.1099
CMYK	0.39, 0.00, 0.05, 0.06
HSL	172°, 76%, 76%
HSV	172°, 39%, 94%
XYZ	56.8791, 73.9772, 83.9439
YIQ	210.4120, -51.8510, -23.9710

Conversions

Conversions Part 2

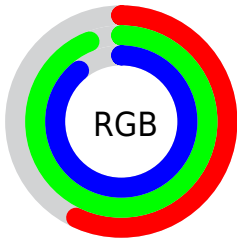
Format	Color
RYB	146, 196, 240
Decimal	9629923
CIELab	88.91, -30.86, -2.51
CIELCh	89, 30.959, 184.644
Yxy	73.9772, 0.2648, 0.3444
Android (android.graphics.Color)	4287820003 (0xFF92F0E3)
YUV	210.4120, 8.1779, -56.4893
Hunter-Lab	86.0100, -32.4740, 2.3412

Details

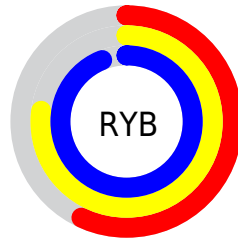
The Yxy color **73.9772, 0.2648, 0.3444** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **41.5924, 0.3971, 0.3147**, and the grayscale version is **64.7073, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5774, 0.2827, 0.3289**, and **39.3834, 0.2536, 0.3479** is the 20% darker color. If you saturate the color by 10%, you get **71.8247, 0.2556, 0.3490**, and if you desaturate by 10%, it is **76.6008, 0.2755, 0.3400**.

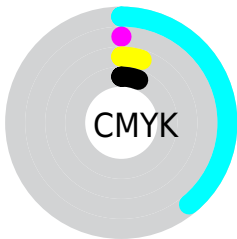
Distribution



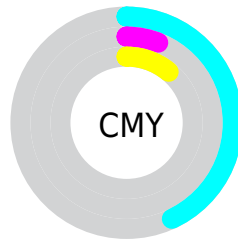
- Red (57%)
- Green (94%)
- Blue (89%)



- Red (57%)
- Yellow (77%)
- Blue (94%)



- Cyan (39%)
- Magenta (0%)
- Yellow (5%)
- Black (6%)



- Cyan (43%)
- Magenta (6%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.9772, 0.2648, 0.3444 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 73.9772, 0.2648, 0.3444 by changing the saturation by 10% instead.


 73.9772, 0.2648,
0.3444


 73.9772, 0.2648,
0.3444


474.3947, 0.2867,
0.3375

 54.7754, 0.2599,
0.3459


 124.8635, 0.2724,
0.3421

 39.2219, 0.2538,
0.3478

 157.3167, 0.2753,
0.3411

 26.9324, 0.2462,
0.3501


194.9559, 0.2779,
0.3403

 17.5225, 0.2363,
0.3530

238.1654, 0.2801,
0.3396

 10.6077, 0.2230,
0.3568

287.3297, 0.2820,
0.3390

 5.8037, 0.2044,
0.3620


342.8330, 0.2838,

 2.7261, 0.1763,

0.3384

405.0599, 0.2853,
0.3380

0.3693


 0.9905, 0.0752,
0.4037


 0.0000, 0.0000,
0.0000


 73.9772, 0.2648,
0.3444


 73.9772, 0.2648,
0.3444

 71.8247, 0.2556,
0.3490


 76.6008, 0.2755,
0.3400


 70.1052, 0.2481,
0.3538

 79.7134, 0.2875,
0.3359

 68.7894, 0.2425,
0.3587

 83.3423, 0.3003,
0.3322

 67.8403, 0.2389,
0.3636

 87.5106, 0.3139,
0.3287

■ 67.2138, 0.2372,
0.3685

■ 90.0902, 0.3204,
0.3255

■ 66.8427, 0.2371,
0.3734

■ 90.2936, 0.3183,
0.3223

■ 66.8161, 0.2372,
0.3738

■ 90.5006, 0.3163,
0.3191

■ 90.7112, 0.3143,
0.3160

■ 90.8025, 0.3134,
0.3146

Harmonies

Analogous

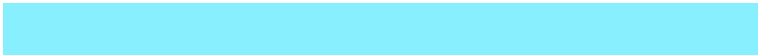
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.9772, 0.2960, 0.3772



73.9772, 0.2648, 0.3444



73.9772, 0.2467, 0.3089

Triad

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



73.9772, 0.2648, 0.3444



73.9772, 0.2894, 0.2716



73.9772, 0.3847, 0.3712

Complementary

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



73.9772, 0.2648, 0.3444



41.5924, 0.3971, 0.3147

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.



73.9772, 0.3835, 0.3423



73.9772, 0.2648, 0.3444



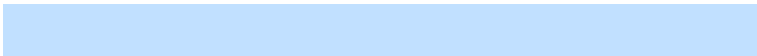
73.9772, 0.3266, 0.2870

Square

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



73.9772, 0.2648, 0.3444



73.9772, 0.2603, 0.2693



73.9772, 0.3618, 0.3122



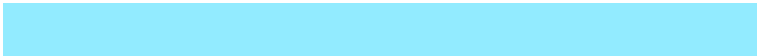
73.9772, 0.3657, 0.3912

Rectangle

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



73.9772, 0.2648, 0.3444



73.9772, 0.2438, 0.2896



73.9772, 0.3618, 0.3122



73.9772, 0.3867, 0.3621

Sweetspot

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



73.9801, 0.2648, 0.3444



94.3813, 0.2966, 0.3332



71.8835, 0.3157, 0.4461



20.0822, 0.2949, 0.3337



0.0000, 0.0000, 0.0000



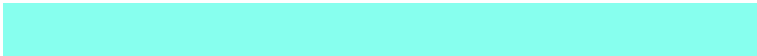
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.9801, 0.2648, 0.3444



82.8801, 0.2573, 0.3481



57.0816, 0.2524, 0.2885



17.8891, 0.2999, 0.3323



36.5896, 0.2369, 0.3730



3.0542, 0.2352, 0.3666

Inverse Universe

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



41.5924, 0.3971, 0.3147



40.8886, 0.4241, 0.3121



52.8061, 0.3963, 0.3657



15.7945, 0.3271, 0.3258



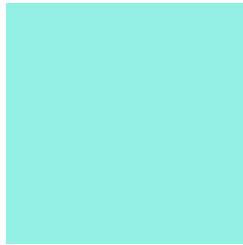
10.2131, 0.6217, 0.3198



0.8607, 0.5911, 0.3030

Previews

White Background



This preview shows how the Yxy color 73.9772, 0.2648, 0.3444 looks on a white background.

Color Contrast Check

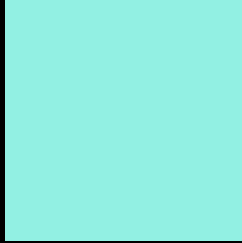
Large Text (above 18pt) WCAG AA × Fail

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 73.9772, 0.2648, 0.3444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

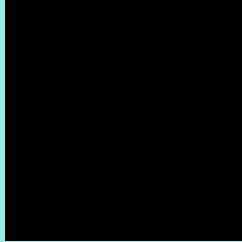
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.9772, 0.2648, 0.3444

Background



This preview shows how black text looks on a background with the Yxy color 73.9772, 0.2648, 0.3444.

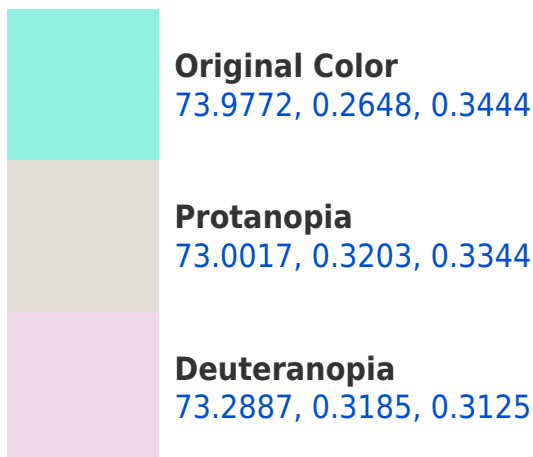


This preview shows how white text looks on a background with the Yxy color 73.9772, 0.2648, 0.3444.

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

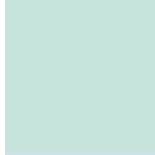
73.9832, 0.2540, 0.3072

Trichromacy



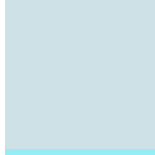
Original Color

73.9772, 0.2648, 0.3444



Protanomaly

72.6599, 0.2975, 0.3380



Deuteranomaly

72.5427, 0.2960, 0.3234



Tritanomaly

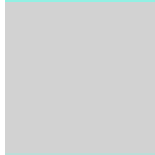
73.6450, 0.2575, 0.3196

Monochromacy



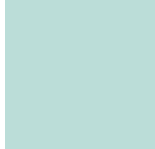
Original Color

73.9772, 0.2648, 0.3444



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

67.2356, 0.2925, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9772, 0.2648, 0.3444 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(146, 240, 227)` looks like.

```
.text, #text, p{  
    color:rgb(146, 240, 227)  
}
```

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(146, 240, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 240, 227) }
```

Border

The CSS property to change the border of an element to Yxy 73.9772, 0.2648, 0.3444 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(146, 240, 227) }
```

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

```
.border{ border-color:rgb(146, 240, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 240, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 240, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 240, 227); box-shadow:4px 4px 4px 4px rgb(146, 240, 227) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9772, 0.2648, 0.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 240, 227) }
```

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

```
.background{ background-color: rgb(146,  
240, 227) }
```

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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