

Converting Colors

$Yxy(74.7011, 0.2580, 0.3431)$

Have a look what the booklet for
Yxy(74.7011, 0.2580, 0.3431)
contains.

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Color

Yxy(74.9390, 0.2579, 0.3432)

Conversions

Conversions Part 1

Format	Color
Hex	86F3E7
RGB	134, 243, 231
RGB Percent	53%, 95%, 91%
CMY	0.4743, 0.0471, 0.0941
CMYK	0.45, 0.00, 0.05, 0.05
HSL	173°, 82%, 74%
HSV	173°, 45%, 95%
XYZ	56.3134, 74.9390, 87.1013
YIQ	209.0410, -61.1120, -26.8400

Conversions

Conversions Part 2

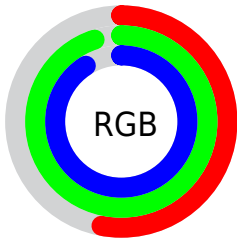
Format	Color
RYB	134, 192, 243
Decimal	8844263
CIELab	89.36, -34.21, -4.00
CIELCh	89, 34.443, 186.664
Yxy	74.9390, 0.2579, 0.3432
Android (android.graphics.Color)	4287034343 (0xFF86F3E7)
YUV	209.0410, 10.8258, -65.8110
Hunter-Lab	86.5673, -35.3757, 0.9414

Details

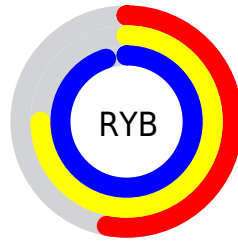
The Yxy color **74.9390, 0.2579, 0.3432** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **38.1986, 0.4196, 0.3162**, and the grayscale version is **63.7577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0775, 0.2768, 0.3289**, and **39.7082, 0.2450, 0.3448** is the 20% darker color. If you saturate the color by 10%, you get **73.0183, 0.2494, 0.3469**, and if you desaturate by 10%, it is **77.3267, 0.2681, 0.3397**.

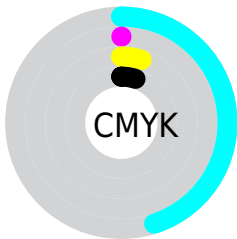
Distribution



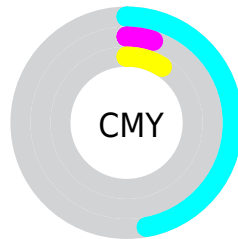
- Red (53%)
- Green (95%)
- Blue (91%)



- Red (53%)
- Yellow (75%)
- Blue (95%)



- Cyan (45%)
- Magenta (0%)
- Yellow (5%)
- Black (5%)





- Cyan (47%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.9390, 0.2579, 0.3432 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 74.9390, 0.2579, 0.3432 by changing the saturation by 10% instead.


 74.9390, 0.2579,
0.3432

 74.9390, 0.2579,
0.3432


477.7079, 0.2828,
0.3370


 55.5629, 0.2523,
0.3445


 126.2260, 0.2665,
0.3411

 39.8526, 0.2455,
0.3461


 158.9057, 0.2698,
0.3403

 27.4236, 0.2369,
0.3481


 196.7888, 0.2727,
0.3396

 17.8916, 0.2259,
0.3505

240.2596, 0.2753,
0.3389

 10.8722, 0.2112,
0.3535

289.7025, 0.2775,
0.3384

 5.9810, 0.1908,
0.3574

345.5019, 0.2795,

 2.8335, 0.1606,

0.3379

408.0422, 0.2812,
0.3374

0.3622

1.0454, 0.0561,
0.3907

0.0000, 0.0000,
0.0000

74.9390, 0.2579,
0.3432

74.9390, 0.2579,
0.3432

73.0183, 0.2494,
0.3469

77.3267, 0.2681,
0.3397

71.5238, 0.2428,
0.3507


80.2013, 0.2796,
0.3363


70.4226, 0.2381,
0.3546

83.5922, 0.2924,
0.3332

69.6730, 0.2354,
0.3584


87.5241, 0.3059,
0.3303


 69.2236, 0.2345,
0.3622


 91.9132, 0.3197,
0.3277

 69.0694, 0.2345,
0.3642

 92.0772, 0.3181,
0.3251

 92.2436, 0.3164,
0.3225

 92.4123, 0.3148,
0.3200

 92.5785, 0.3133,
0.3175

Harmonies

Analogous

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



74.9390, 0.2914, 0.3807



74.9390, 0.2579, 0.3432



74.9390, 0.2394, 0.3040

Triad

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



74.9390, 0.2579, 0.3432



74.9390, 0.2894, 0.2666



74.9390, 0.3917, 0.3771

Complementary

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



74.9390, 0.2579, 0.3432



38.1986, 0.4196, 0.3162

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.



74.9390, 0.3921, 0.3455



74.9390, 0.2579, 0.3432



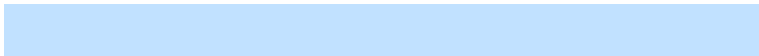
74.9390, 0.3308, 0.2844

Square

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



74.9390, 0.2579, 0.3432



74.9390, 0.2566, 0.2630



74.9390, 0.3693, 0.3125



74.9390, 0.3691, 0.3987

Rectangle

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



74.9390, 0.2579, 0.3432



74.9390, 0.2370, 0.2834



74.9390, 0.3693, 0.3125



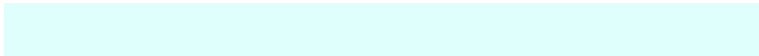
74.9390, 0.3945, 0.3672

Sweetspot

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



74.9420, 0.2579, 0.3432



94.0131, 0.2948, 0.3326



72.0035, 0.3134, 0.4667



19.9274, 0.2918, 0.3333



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.



74.9420, 0.2579, 0.3432



81.6048, 0.2500, 0.3466



53.4288, 0.2433, 0.2768



18.7245, 0.2995, 0.3316



37.9218, 0.2343, 0.3636



3.3418, 0.2330, 0.3588

Inverse Universe

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



38.1986, 0.4196, 0.3162



35.7310, 0.4558, 0.3142



51.7574, 0.4110, 0.3748



16.5122, 0.3276, 0.3264



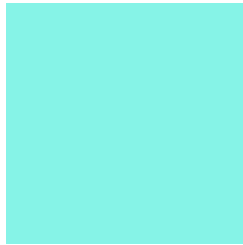
10.5102, 0.6270, 0.3228



0.9333, 0.6018, 0.3089

Previews

White Background



This preview shows how the Yxy color 74.9390, 0.2579, 0.3432 looks on a white background.

Color Contrast Check

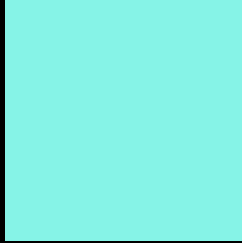
Large Text (above 18pt) WCAG AA × Fail

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 74.9390, 0.2579, 0.3432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

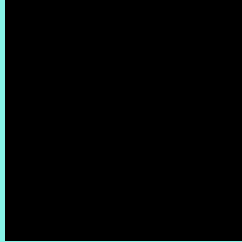
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.9390, 0.2579, 0.3432

Background



This preview shows how black text looks on a background with the Yxy color 74.9390, 0.2579, 0.3432.

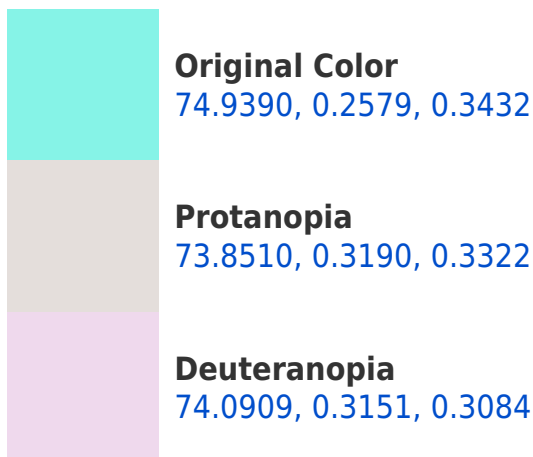


This preview shows how white text looks on a background with the Yxy color 74.9390, 0.2579, 0.3432.

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

74.4638, 0.2538, 0.3083

Trichromacy



Original Color

74.9390, 0.2579, 0.3432



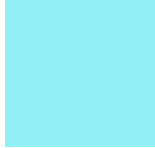
Protanomaly

73.3907, 0.2931, 0.3369



Deuteranomaly

72.8084, 0.2904, 0.3190



Tritanomaly

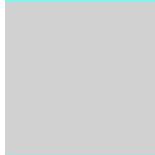
74.4066, 0.2551, 0.3207

Monochromacy



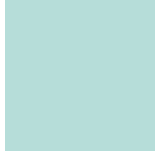
Original Color

74.9390, 0.2579, 0.3432



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

66.6677, 0.2886, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9390, 0.2579, 0.3432 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(134, 243, 231)` looks like.

```
.text, #text, p{  
    color:rgb(134, 243, 231)  
}
```

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(134, 243, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 243, 231) }
```

Border

The CSS property to change the border of an element to Yxy 74.9390, 0.2579, 0.3432 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(134, 243, 231) }
```

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

```
.border{ border-color:rgb(134, 243, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 243, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 243, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 243, 231);  
box-shadow:4px 4px 4px 4px rgb(134, 243,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9390, 0.2579, 0.3432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 243, 231) }
```

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

```
.background{ background-color: rgb(134,  
243, 231) }
```

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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