

Converting Colors

$Yxy(74.2647, 0.2668, 0.3289)$

Have a look what the booklet for
Yxy(74.2647, 0.2668, 0.3289)
contains.

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Color

Yxy(74.2599, 0.2669, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	A1EDED
RGB	161, 237, 237
RGB Percent	63%, 93%, 93%
CMY	0.3687, 0.0705, 0.0707
CMYK	0.32, 0.00, 0.00, 0.07
HSL	180°, 68%, 78%
HSV	180°, 32%, 93%
XYZ	60.2614, 74.2599, 91.2613
YIQ	214.2760, -45.2960, -16.1120

Conversions

Conversions Part 2

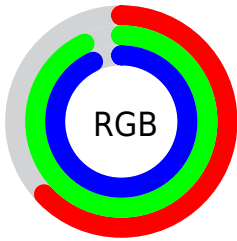
Format	Color
RYB	161, 199, 237
Decimal	10612205
CIELab	89.05, -23.24, -7.46
CIELCh	89, 24.408, 197.790
Yxy	74.2599, 0.2669, 0.3289
Android (android.graphics.Color)	4288802285 (0xFFA1EDED)
YUV	214.2760, 11.2029, -46.7231
Hunter-Lab	86.1742, -25.9802, -2.4682

Details

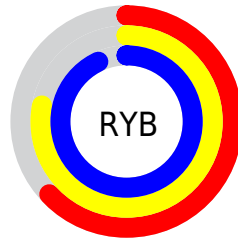
The Yxy color **74.2599, 0.2669, 0.3289** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **46.0610, 0.3867, 0.3292**, and the grayscale version is **67.3839, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **39.4481, 0.2568, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **72.0293, 0.2554, 0.3289**, and if you desaturate by 10%, it is **76.9630, 0.2799, 0.3289**.

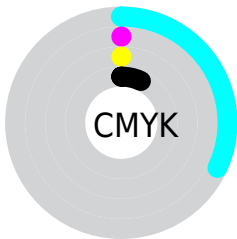
Distribution



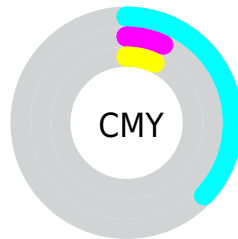
- Red (63%)
- Green (93%)
- Blue (93%)



- Red (63%)
- Yellow (78%)
- Blue (93%)



- Cyan (32%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)





- Cyan (37%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.2599, 0.2669, 0.3289 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 74.2599, 0.2669, 0.3289 by changing the saturation by 10% instead.

 74.2599, 0.2669,
0.3289

 74.2599, 0.2669,
0.3289

475.3699, 0.2877,
0.3293

 55.0068, 0.2622,
0.3287


 125.2642, 0.2741,
0.3291

 39.4072, 0.2565,
0.3285


 157.7841, 0.2769,
0.3292

 27.0766, 0.2493,
0.3281


195.4951, 0.2793,
0.3292

 17.6308, 0.2401,
0.3274

238.7816, 0.2814,
0.3292

 10.6852, 0.2277,
0.3264

288.0279, 0.2833,
0.3293

 5.8556, 0.2104,
0.3245


343.6184, 0.2849,

 2.7575, 0.1846,


0.3293


405.9376, 0.2864,
0.3293


0.3206


 1.0065, 0.1217,
0.3187


 0.0000, 0.0000,
0.0000


 74.2599, 0.2669,
0.3289


 74.2599, 0.2669,
0.3289


 72.0293, 0.2554,
0.3289

 76.9630, 0.2799,
0.3289


 70.2360, 0.2456,
0.3289


 80.1542, 0.2942,
0.3290


 68.8539, 0.2377,
0.3289


 83.8591, 0.3095,
0.3290


 67.8502, 0.2318,
0.3289


 87.9507, 0.3248,
0.3290


 67.1877, 0.2278,
0.3289


 87.9513, 0.3248,
0.3290


 66.8210, 0.2255,
0.3289

 87.9519, 0.3248,
0.3290

 66.6844, 0.2247,
0.3289

 87.9525, 0.3248,
0.3290

 87.9531, 0.3248,
0.3290

 87.9537, 0.3248,
0.3290

Harmonies

Analogous

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



74.2599, 0.2879, 0.3563



74.2599, 0.2669, 0.3289



74.2599, 0.2579, 0.3031

Triad

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



74.2599, 0.2669, 0.3289



74.2599, 0.3071, 0.2873



74.2599, 0.3647, 0.3709

Complementary

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



74.2599, 0.2669, 0.3289



46.0610, 0.3867, 0.3292

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.



74.2599, 0.3708, 0.3507



74.2599, 0.2669, 0.3289



74.2599, 0.3367, 0.3036

Square

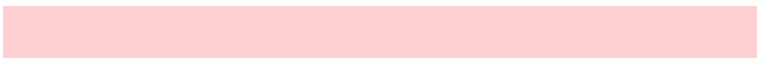
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.2599, 0.2669, 0.3289



74.2599, 0.2802, 0.2807



74.2599, 0.3604, 0.3263



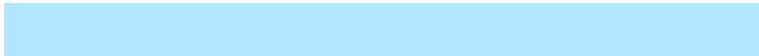
74.2599, 0.3444, 0.3809

Rectangle

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



74.2599, 0.2669, 0.3289



74.2599, 0.2595, 0.2905



74.2599, 0.3604, 0.3263



74.2599, 0.3686, 0.3650

Sweetspot

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



74.2629, 0.2669, 0.3289



95.4797, 0.2973, 0.3290



70.8543, 0.3091, 0.4238



20.3113, 0.2952, 0.3290



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.



74.2629, 0.2669, 0.3289



86.0166, 0.2597, 0.3289



55.1190, 0.2614, 0.2842



17.1218, 0.2981, 0.3290



36.4032, 0.2247, 0.3289



2.8586, 0.2247, 0.3288

Inverse Universe

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



46.0610, 0.3867, 0.3292



48.2213, 0.4074, 0.3292



60.8419, 0.3737, 0.3698



15.0542, 0.3293, 0.3290



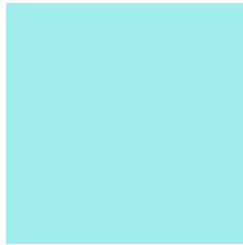
9.8300, 0.6400, 0.3299



0.7719, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 74.2599, 0.2669, 0.3289 looks on a white background.

Color Contrast Check

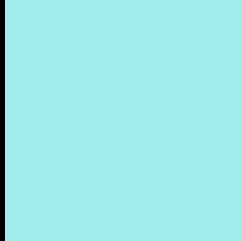
Large Text (above 18pt) WCAG AA × Fail

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 74.2599, 0.2669, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

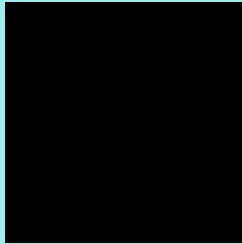
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.2599, 0.2669, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 74.2599, 0.2669, 0.3289.

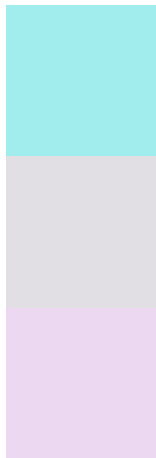


This preview shows how white text looks on a background with the Yxy color 74.2599, 0.2669, 0.3289.

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

74.2599, 0.2669, 0.3289

Protanopia

73.8515, 0.3109, 0.3226

Deuteranopia

73.2955, 0.3104, 0.3032



Tritanopia

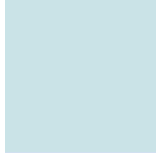
73.9368, 0.2606, 0.3074

Trichromacy



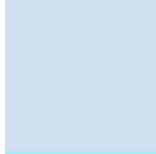
Original Color

74.2599, 0.2669, 0.3289



Protanomaly

73.2642, 0.2934, 0.3245



Deuteranomaly

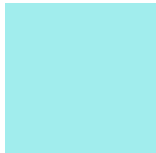
73.1579, 0.2925, 0.3116



Tritanomaly

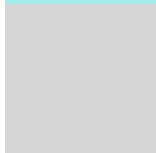
74.0246, 0.2632, 0.3152

Monochromacy



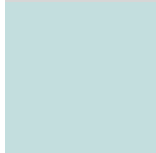
Original Color

74.2599, 0.2669, 0.3289



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

69.1186, 0.2942, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2599, 0.2669, 0.3289 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(161, 237, 237)` looks like.

```
.text, #text, p{  
    color:rgb(161, 237, 237)  
}
```

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(161, 237, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 237, 237) }
```

Border

The CSS property to change the border of an element to Yxy 74.2599, 0.2669, 0.3289 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(161, 237, 237) }
```

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

```
.border{ border-color:rgb(161, 237, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 237, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 237, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 237, 237);  
box-shadow:4px 4px 4px 4px rgb(161, 237,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2599, 0.2669, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 237, 237) }
```

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

```
.background{ background-color: rgb(161,  
237, 237) }
```

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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