

Converting Colors

$Yxy(74.7593, 0.2672, 0.3280)$

Have a look what the booklet for
Yxy(74.7593, 0.2672, 0.3280)
contains.

Yxy(74.5280, 0.2674, 0.3277)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.5280, 0.2674, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	A3EDEE
RGB	163, 237, 238
RGB Percent	64%, 93%, 93%
CMY	0.3610, 0.0705, 0.0666
CMYK	0.32, 0.00, 0.00, 0.07
HSL	181°, 69%, 79%
HSV	181°, 32%, 93%
XYZ	60.8141, 74.5280, 92.0854
YIQ	214.9880, -44.4250, -15.3770

Conversions

Conversions Part 2

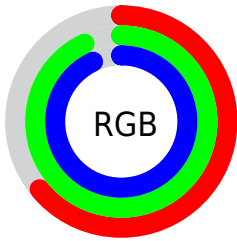
Format	Color
RYB	163, 200, 238
Decimal	10743278
CIELab	89.17, -22.48, -7.81
CIELCh	89, 23.793, 199.152
Yxy	74.5280, 0.2674, 0.3277
Android (android.graphics.Color)	4288933358 (0xFFA3EDEE)
YUV	214.9880, 11.3449, -45.5935
Hunter-Lab	86.3296, -25.3341, -2.8123

Details

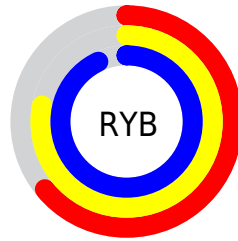
The Yxy color **74.5280, 0.2674, 0.3277** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **47.3565, 0.3846, 0.3303**, and the grayscale version is **67.8851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9556, 0.2917, 0.3289**, and **39.6133, 0.2574, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **72.0665, 0.2557, 0.3273**, and if you desaturate by 10%, it is **77.4686, 0.2806, 0.3281**.

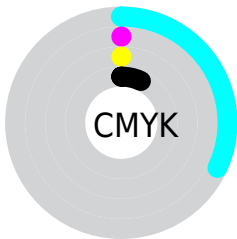
Distribution



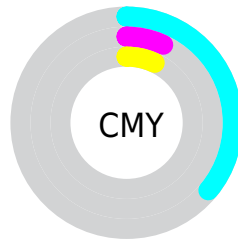
- Red (64%)
- Green (93%)
- Blue (93%)



- Red (64%)
- Yellow (78%)
- Blue (93%)



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





- Cyan (36%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.5280, 0.2674, 0.3277 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 74.5280, 0.2674, 0.3277 by changing the saturation by 10% instead.


 74.5280, 0.2674,
0.3277


 74.5280, 0.2674,
0.3277


476.2937, 0.2880,
0.3287

 55.2263, 0.2628,
0.3274


 125.6440, 0.2745,
0.3281

 39.5829, 0.2571,
0.3270


 158.2271, 0.2772,
0.3282

 27.2135, 0.2500,
0.3264


196.0061, 0.2796,
0.3283

 17.7336, 0.2409,
0.3255

239.3654, 0.2817,
0.3284

 10.7589, 0.2287,
0.3241

288.6894, 0.2836,
0.3285

 5.9050, 0.2117,
0.3218

344.3626, 0.2852,

 2.7874, 0.1863,

0.3286

406.7692, 0.2867,
0.3286

0.3172

1.0218, 0.1275,
0.3129

0.0000, 0.0000,
0.0000

74.5280, 0.2674,
0.3277

74.5280, 0.2674,
0.3277

72.0665, 0.2557,
0.3273

77.4686, 0.2806,
0.3281

70.0484, 0.2456,
0.3268


80.9038, 0.2950,
0.3286

68.4477, 0.2375,
0.3263


84.8594, 0.3103,
0.3289

67.2315, 0.2313,
0.3259


88.7545, 0.3240,
0.3293


 66.3622, 0.2270,
0.3254

 88.9413, 0.3240,
0.3296

 65.7949, 0.2245,
0.3250

 89.1284, 0.3240,
0.3299

 65.4900, 0.2235,
0.3246

 89.3158, 0.3240,
0.3302

 89.5036, 0.3239,
0.3305

 89.6917, 0.3239,
0.3309

Harmonies

Analogous

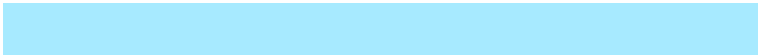
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.5280, 0.2875, 0.3545



74.5280, 0.2674, 0.3277



74.5280, 0.2592, 0.3028

Triad

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



74.5280, 0.2674, 0.3277



74.5280, 0.3085, 0.2888



74.5280, 0.3627, 0.3705

Complementary

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



74.5280, 0.2674, 0.3277



47.3565, 0.3846, 0.3303

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.



74.5280, 0.3694, 0.3512



74.5280, 0.2674, 0.3277



74.5280, 0.3373, 0.3052

Square

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



74.5280, 0.2674, 0.3277



74.5280, 0.2821, 0.2820



74.5280, 0.3599, 0.3275



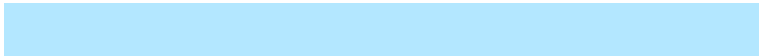
74.5280, 0.3425, 0.3796

Rectangle

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



74.5280, 0.2674, 0.3277



74.5280, 0.2612, 0.2908



74.5280, 0.3599, 0.3275



74.5280, 0.3667, 0.3649

Sweetspot

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



74.5310, 0.2674, 0.3277



95.7075, 0.2988, 0.3287



71.5850, 0.3083, 0.4222



20.3470, 0.2966, 0.3286



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

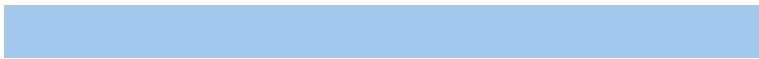
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5310, 0.2674, 0.3277



85.1910, 0.2595, 0.3274



55.4869, 0.2621, 0.2835



17.8903, 0.2981, 0.3286



36.5454, 0.2235, 0.3247



3.0519, 0.2237, 0.3252

Inverse Universe

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



50.4698, 0.3172, 0.2516



52.8842, 0.3182, 0.2359



62.3555, 0.3721, 0.3704



16.0275, 0.3140, 0.3060



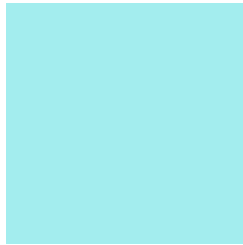
13.4826, 0.3243, 0.1560



1.1228, 0.3238, 0.1558

Previews

White Background



This preview shows how the Yxy color 74.5280, 0.2674, 0.3277 looks on a white background.

Color Contrast Check

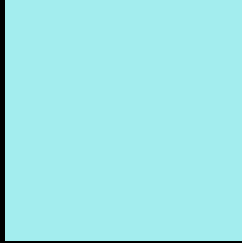
Large Text (above 18pt) WCAG AA × Fail

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 74.5280, 0.2674, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

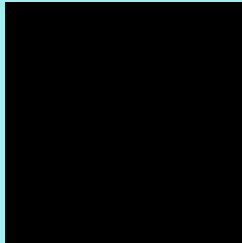
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.5280, 0.2674, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 74.5280, 0.2674, 0.3277.

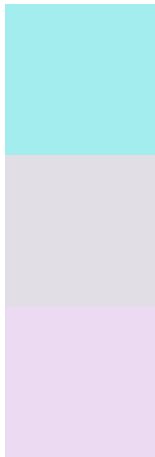


This preview shows how white text looks on a background with the Yxy color 74.5280, 0.2674, 0.3277.

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

74.5280, 0.2674, 0.3277

Protanopia

73.9072, 0.3103, 0.3215

Deuteranopia

73.8694, 0.3097, 0.3033



Tritanopia

74.7240, 0.2618, 0.3086

Trichromacy



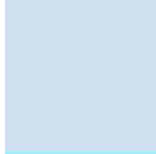
Original Color

74.5280, 0.2674, 0.3277



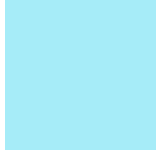
Protanomaly

73.3209, 0.2928, 0.3234



Deuteranomaly

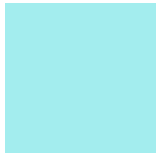
73.2175, 0.2919, 0.3105



Tritanomaly

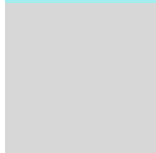
74.8752, 0.2639, 0.3153

Monochromacy



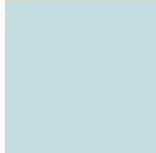
Original Color

74.5280, 0.2674, 0.3277



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

69.8388, 0.2942, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.5280, 0.2674, 0.3277 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(163, 237, 238)` looks like.

```
.text, #text, p{  
    color:rgb(163, 237, 238)  
}
```

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(163, 237, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 237, 238) }
```

Border

The CSS property to change the border of an element to Yxy 74.5280, 0.2674, 0.3277 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(163, 237, 238) }
```

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

```
.border{ border-color:rgb(163, 237, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 237, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 237, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 237, 238);  
box-shadow:4px 4px 4px 4px rgb(163, 237,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5280, 0.2674, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 237, 238) }
```

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

```
.background{ background-color: rgb(163,  
237, 238) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor