

Converting Colors

$Yxy(74.1745, 0.2633, 0.3365)$

Have a look what the booklet for
Yxy(74.1745, 0.2633, 0.3365)
contains.

Yxy(74.0058, 0.2631, 0.3359)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(74.0058, 0.2631, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	95EFE9
RGB	149, 239, 233
RGB Percent	58%, 94%, 91%
CMY	0.4159, 0.0627, 0.0861
CMYK	0.38, 0.00, 0.02, 0.06
HSL	176°, 74%, 76%
HSV	176°, 38%, 94%
XYZ	57.9664, 74.0058, 88.3487
YIQ	211.4060, -51.7140, -20.9460

Conversions

Conversions Part 2

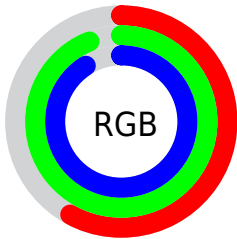
Format	Color
RYB	149, 196, 239
Decimal	9826281
CIELab	88.93, -28.25, -5.64
CIELCh	89, 28.804, 191.285
Yxy	74.0058, 0.2631, 0.3359
Android (android.graphics.Color)	4288016361 (0xFF95EFE9)
YUV	211.4060, 10.6458, -54.7301
Hunter-Lab	86.0266, -30.2698, -0.6717

Details

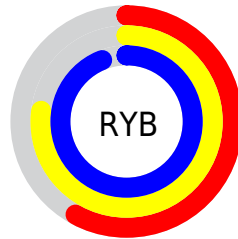
The Yxy color **74.0058, 0.2631, 0.3359** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **42.1963, 0.3994, 0.3226**, and the grayscale version is **65.3739, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8618, 0.2838, 0.3289**, and **39.3166, 0.2519, 0.3382** is the 20% darker color. If you saturate the color by 10%, you get **71.8973, 0.2530, 0.3380**, and if you desaturate by 10%, it is **76.5822, 0.2747, 0.3339**.

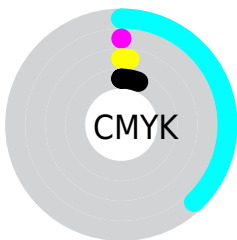
Distribution



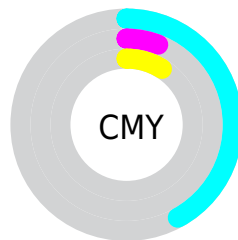
- Red (58%)
- Green (94%)
- Blue (91%)



- Red (58%)
- Yellow (77%)
- Blue (94%)



- Cyan (38%)
- Magenta (0%)
- Yellow (2%)
- Black (6%)



- Cyan (42%)
- Magenta (6%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.0058, 0.2631, 0.3359 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 74.0058, 0.2631, 0.3359 by changing the saturation by 10% instead.


 74.0058, 0.2631,
0.3359

 74.0058, 0.2631,
0.3359

474.4934, 0.2857,
0.3331

 54.7988, 0.2580,
0.3365


 124.9040, 0.2709,
0.3350

 39.2406, 0.2518,
0.3371


 157.3640, 0.2739,
0.3346

 26.9470, 0.2440,
0.3378


195.0105, 0.2765,
0.3343

 17.5334, 0.2340,
0.3387

238.2278, 0.2788,
0.3340

 10.6155, 0.2205,
0.3396

287.4003, 0.2809,
0.3337

 5.8089, 0.2017,
0.3405

342.9125, 0.2827,

 2.7293, 0.1737,

0.3335

405.1487, 0.2843,
0.3333

0.3409

0.9921, 0.0890,
0.3537

0.0000, 0.0000,
0.0000

74.0058, 0.2631,
0.3359

74.0058, 0.2631,
0.3359

71.8973, 0.2530,
0.3380

76.5822, 0.2747,
0.3339

70.2195, 0.2448,
0.3402


79.6436, 0.2876,
0.3320


68.9437, 0.2384,
0.3425


83.2171, 0.3015,
0.3302

68.0342, 0.2340,
0.3447

87.3252, 0.3162,
0.3286

 67.4486, 0.2314,
0.3469

 89.3466, 0.3221,
0.3271


 67.1305, 0.2306,
0.3491

 89.4417, 0.3211,
0.3256

 67.0748, 0.2305,
0.3497

 89.5376, 0.3201,
0.3241

 89.6343, 0.3192,
0.3225

 89.7319, 0.3182,
0.3210

Harmonies

Analogous

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



74.0058, 0.2901, 0.3678



74.0058, 0.2631, 0.3359



74.0058, 0.2494, 0.3040

Triad

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



74.0058, 0.2631, 0.3359



74.0058, 0.2984, 0.2775



74.0058, 0.3773, 0.3736

Complementary

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



74.0058, 0.2631, 0.3359



42.1963, 0.3994, 0.3226

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.



74.0058, 0.3805, 0.3479



74.0058, 0.2631, 0.3359



74.0058, 0.3335, 0.2943

Square

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



74.0058, 0.2631, 0.3359



74.0058, 0.2689, 0.2725



74.0058, 0.3642, 0.3195



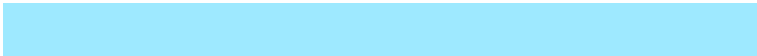
74.0058, 0.3562, 0.3892

Rectangle

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



74.0058, 0.2631, 0.3359



74.0058, 0.2490, 0.2876



74.0058, 0.3642, 0.3195



74.0058, 0.3806, 0.3658

Sweetspot

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



74.0087, 0.2631, 0.3359



94.9436, 0.2968, 0.3308



70.8708, 0.3110, 0.4426



20.1996, 0.2949, 0.3310



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.



74.0087, 0.2631, 0.3359



83.8570, 0.2554, 0.3375



53.9191, 0.2532, 0.2808



17.9098, 0.2990, 0.3305



37.0718, 0.2304, 0.3493



3.0894, 0.2296, 0.3464

Inverse Universe

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



42.1963, 0.3994, 0.3226



42.2229, 0.4262, 0.3214



56.4774, 0.3890, 0.3723



15.7758, 0.3283, 0.3275



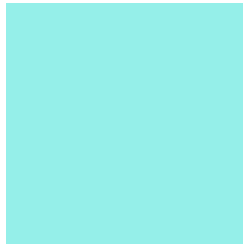
10.1680, 0.6330, 0.3261



0.8518, 0.6154, 0.3164

Previews

White Background



This preview shows how the Yxy color 74.0058, 0.2631, 0.3359 looks on a white background.

Color Contrast Check

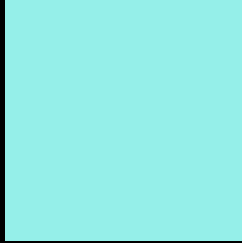
Large Text (above 18pt) WCAG AA × Fail

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 74.0058, 0.2631, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

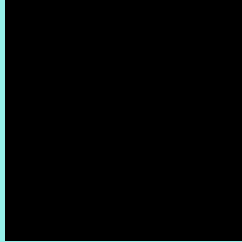
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.0058, 0.2631, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 74.0058, 0.2631, 0.3359.

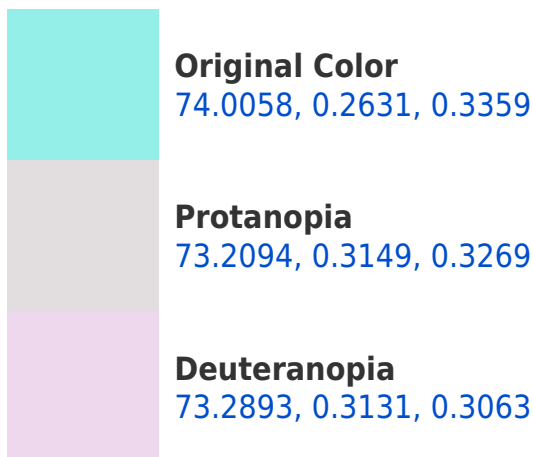


This preview shows how white text looks on a background with the Yxy color 74.0058, 0.2631, 0.3359.

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

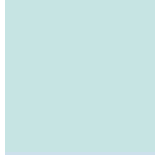
74.1795, 0.2550, 0.3073

Trichromacy



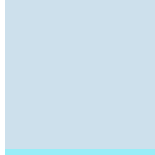
Original Color

74.0058, 0.2631, 0.3359



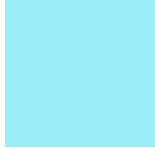
Protanomaly

73.0386, 0.2933, 0.3301



Deuteranomaly

72.3466, 0.2923, 0.3158



Tritanomaly

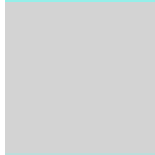
74.0561, 0.2580, 0.3173

Monochromacy



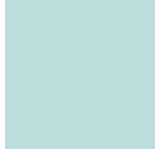
Original Color

74.0058, 0.2631, 0.3359



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

67.5187, 0.2913, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0058, 0.2631, 0.3359 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(149, 239, 233)` looks like.

```
.text, #text, p{  
    color:rgb(149, 239, 233)  
}
```

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(149, 239, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 239, 233) }
```

Border

The CSS property to change the border of an element to Yxy 74.0058, 0.2631, 0.3359 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(149, 239, 233) }
```

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

```
.border{ border-color:rgb(149, 239, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 239, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 239, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 239, 233);  
box-shadow:4px 4px 4px 4px rgb(149, 239,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0058, 0.2631, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 239, 233) }
```

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

```
.background{ background-color: rgb(149,  
239, 233) }
```

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