

Converting Colors

$Yxy(74.4485, 0.2581, 0.3431)$

Have a look what the booklet for
Yxy(74.4485, 0.2581, 0.3431)
contains.

Yxy(74.2858, 0.2582, 0.3433)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.2858, 0.2582, 0.3433)

Conversions

Conversions Part 1

Format	Color
Hex	86F2E6
RGB	134, 242, 230
RGB Percent	53%, 95%, 90%
CMY	0.4742, 0.0510, 0.0982
CMYK	0.45, 0.00, 0.05, 0.05
HSL	173°, 81%, 74%
HSV	173°, 45%, 95%
XYZ	55.8712, 74.2858, 86.2304
YIQ	208.3400, -60.5160, -26.6280

Conversions

Conversions Part 2

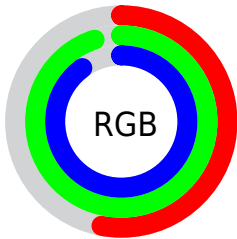
Format	Color
RYB	134, 191, 242
Decimal	8844006
CIELab	89.06, -33.99, -3.91
CIELCh	89, 34.212, 186.555
Yxy	74.2858, 0.2582, 0.3433
Android (android.graphics.Color)	4287034086 (0xFF86F2E6)
YUV	208.3400, 10.6784, -65.1962
Hunter-Lab	86.1892, -35.1204, 1.0141

Details

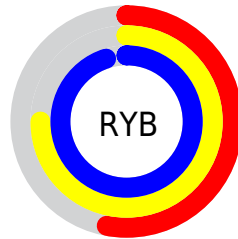
The Yxy color **74.2858, 0.2582, 0.3433** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **38.0271, 0.4185, 0.3161**, and the grayscale version is **63.2791, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9465, 0.2762, 0.3289**, and **39.2489, 0.2452, 0.3448** is the 20% darker color. If you saturate the color by 10%, you get **72.3708, 0.2497, 0.3471**, and if you desaturate by 10%, it is **76.6640, 0.2684, 0.3397**.

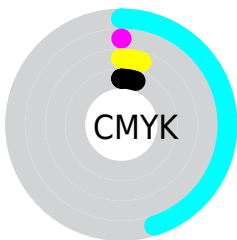
Distribution



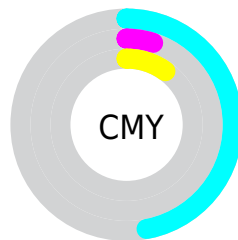
- Red (53%)
- Green (95%)
- Blue (90%)



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



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





- Cyan (47%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2858, 0.2582, 0.3433 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 74.2858, 0.2582, 0.3433 by changing the saturation by 10% instead.


 74.2858, 0.2582,
0.3433


 74.2858, 0.2582,
0.3433


475.4592, 0.2830,
0.3370

 55.0280, 0.2526,
0.3446

 125.3009, 0.2667,
0.3412

 39.4241, 0.2458,
0.3463


 157.8269, 0.2701,
0.3404

 27.0898, 0.2372,
0.3482


 195.5445, 0.2730,
0.3396

 17.6407, 0.2262,
0.3507

238.8380, 0.2755,
0.3390

 10.6923, 0.2115,
0.3538

288.0918, 0.2777,
0.3384

 5.8604, 0.1909,
0.3578

343.6904, 0.2797,

 2.7604, 0.1606,

0.3379

406.0180, 0.2815,
0.3375

0.3628

1.0079, 0.0483,
0.3946

0.0000, 0.0000,
0.0000

74.2858, 0.2582,
0.3433

74.2858, 0.2582,
0.3433

72.3708, 0.2497,
0.3471

76.6640, 0.2684,
0.3397

70.8788, 0.2430,
0.3509


79.5251, 0.2800,
0.3363


69.7772, 0.2383,
0.3548


82.8982, 0.2927,
0.3332

69.0249, 0.2356,
0.3587


86.8075, 0.3063,
0.3302


 68.5715, 0.2346,
0.3626

 91.2614, 0.3203,
0.3276

 68.4100, 0.2346,
0.3646

 91.4260, 0.3187,
0.3250

 91.5931, 0.3170,
0.3224

 91.7625, 0.3154,
0.3198

 91.9344, 0.3138,
0.3173

Harmonies

Analogous

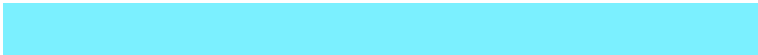
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.2858, 0.2916, 0.3806



74.2858, 0.2582, 0.3433



74.2858, 0.2397, 0.3042

Triad

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



74.2858, 0.2582, 0.3433



74.2858, 0.2894, 0.2668



74.2858, 0.3914, 0.3768

Complementary

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



74.2858, 0.2582, 0.3433



38.0271, 0.4185, 0.3161

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.



74.2858, 0.3917, 0.3454



74.2858, 0.2582, 0.3433



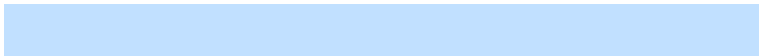
74.2858, 0.3306, 0.2845

Square

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



74.2858, 0.2582, 0.3433



74.2858, 0.2567, 0.2632



74.2858, 0.3689, 0.3124



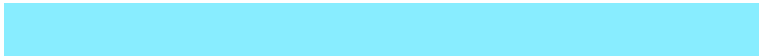
74.2858, 0.3690, 0.3984

Rectangle

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



74.2858, 0.2582, 0.3433



74.2858, 0.2373, 0.2836



74.2858, 0.3689, 0.3124



74.2858, 0.3942, 0.3670

Sweetspot

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



74.2887, 0.2582, 0.3433



94.0102, 0.2948, 0.3327



71.3986, 0.3134, 0.4659



19.9267, 0.2918, 0.3334



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.



74.2887, 0.2582, 0.3433



81.5931, 0.2500, 0.3469



53.0855, 0.2437, 0.2771



17.8968, 0.2996, 0.3316



36.7641, 0.2344, 0.3640



3.0670, 0.2330, 0.3589

Inverse Universe

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



38.0271, 0.4185, 0.3161



35.7364, 0.4555, 0.3140



51.4344, 0.4103, 0.3746



15.7875, 0.3276, 0.3264



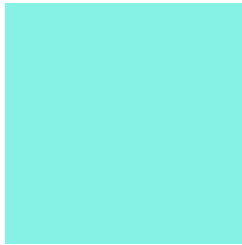
10.1932, 0.6266, 0.3225



0.8573, 0.5999, 0.3078

Previews

White Background



This preview shows how the Yxy color 74.2858, 0.2582, 0.3433 looks on a white background.

Color Contrast Check

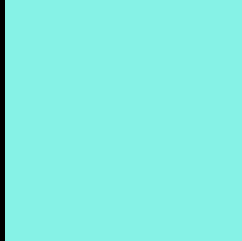
Large Text (above 18pt) WCAG AA × Fail

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 74.2858, 0.2582, 0.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

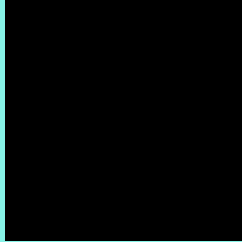
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.2858, 0.2582, 0.3433

Background



This preview shows how black text looks on a background with the Yxy color 74.2858, 0.2582, 0.3433.

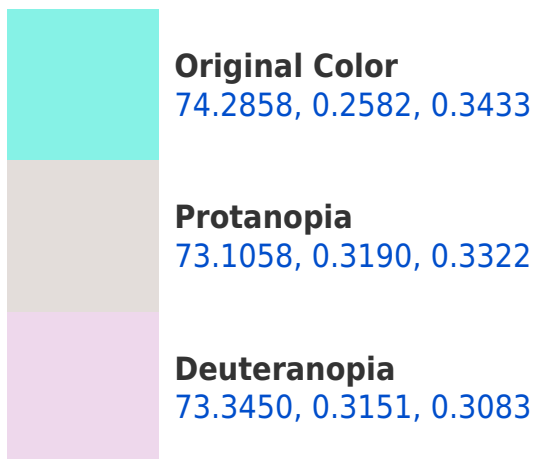


This preview shows how white text looks on a background with the Yxy color 74.2858, 0.2582, 0.3433.

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

74.1779, 0.2524, 0.3083

Trichromacy



Original Color

74.2858, 0.2582, 0.3433



Protanomaly

72.6500, 0.2931, 0.3369



Deuteranomaly

72.0703, 0.2903, 0.3189



Tritanomaly

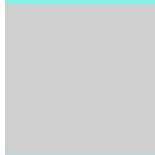
74.3161, 0.2546, 0.3207

Monochromacy



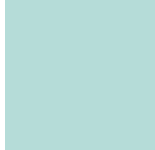
Original Color

74.2858, 0.2582, 0.3433



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

65.9680, 0.2885, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2858, 0.2582, 0.3433 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, 242, 230)` looks like.

```
.text, #text, p{  
    color:rgb(134, 242, 230)  
}
```

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, 242, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 242, 230) }
```

Border

The CSS property to change the border of an element to Yxy 74.2858, 0.2582, 0.3433 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, 242, 230) }
```

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

```
.border{ border-color:rgb(134, 242, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 242, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 242, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 242, 230);  
box-shadow:4px 4px 4px 4px rgb(134, 242,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2858, 0.2582, 0.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 242, 230) }
```

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

```
.background{ background-color: rgb(134,  
242, 230) }
```

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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