

Converting Colors

$Yxy(69.4315, 0.2658, 0.3381)$

Have a look what the booklet for
Yxy(69.4315, 0.2658, 0.3381)
contains.

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Color

Yxy(69.3909, 0.2660, 0.3386)

Conversions

Conversions Part 1

Format	Color
Hex	94E8E0
RGB	148, 232, 224
RGB Percent	58%, 91%, 88%
CMY	0.4199, 0.0901, 0.1216
CMYK	0.36, 0.00, 0.03, 0.09
HSL	174°, 65%, 74%
HSV	174°, 36%, 91%
XYZ	54.5126, 69.3909, 81.0312
YIQ	205.9720, -47.4960, -20.2960

Conversions

Conversions Part 2

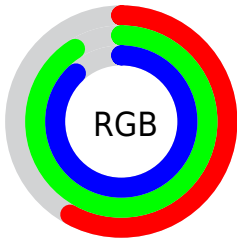
Format	Color
RYB	148, 192, 232
Decimal	9758944
CIELab	86.70, -27.24, -4.18
CIElCh	87, 27.557, 188.722
Yxy	69.3909, 0.2660, 0.3386
Android (android.graphics.Color)	4287949024 (0xFF94E8E0)
YUV	205.9720, 8.8878, -50.8414
Hunter-Lab	83.3012, -28.9660, 0.6365

Details

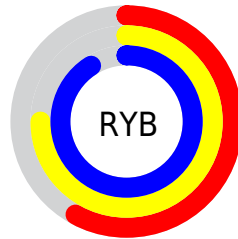
The Yxy color **69.3909, 0.2660, 0.3386** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **40.7161, 0.3919, 0.3200**, and the grayscale version is **61.6589, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7191, 0.2833, 0.3289**, and **36.1906, 0.2547, 0.3402** is the 20% darker color. If you saturate the color by 10%, you get **67.3244, 0.2560, 0.3417**, and if you desaturate by 10%, it is **71.8981, 0.2775, 0.3357**.

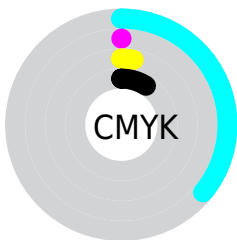
Distribution



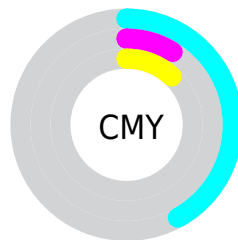
- Red (58%)
- Green (91%)
- Blue (88%)



- Red (58%)
- Yellow (75%)
- Blue (91%)



- Cyan (36%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)





- Cyan (42%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.3909, 0.2660, 0.3386 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 69.3909, 0.2660, 0.3386 by changing the saturation by 10% instead.


 69.3909, 0.2660,
0.3386


 69.3909, 0.2660,
0.3386


458.4084, 0.2876,
0.3344

 51.0301, 0.2611,
0.3395


 118.3397, 0.2735,
0.3372

 36.2326, 0.2550,
0.3406


 149.6966, 0.2764,
0.3366

 24.6139, 0.2474,
0.3419

186.1542, 0.2789,
0.3361

 15.7896, 0.2374,
0.3435

228.0971, 0.2811,
0.3357

 9.3754, 0.2239,
0.3455

275.9095, 0.2830,
0.3353

 4.9868, 0.2046,
0.3481

329.9760, 0.2847,

 2.2395, 0.1752,

0.3350

390.6808, 0.2862,
0.3347

0.3511

0.7414, 0.0211,
0.3929

0.0000, 0.0000,
0.0000

69.3909, 0.2660,
0.3386

69.3909, 0.2660,
0.3386

67.3244, 0.2560,
0.3417

71.8981, 0.2775,
0.3357

65.6641, 0.2476,
0.3449


74.8615, 0.2902,
0.3330


64.3840, 0.2412,
0.3481


78.3060, 0.3039,
0.3305


63.4514, 0.2366,
0.3514

82.2525, 0.3181,
0.3282

 62.8283, 0.2340,
0.3547

 84.9850, 0.3265,
0.3260


 62.4670, 0.2332,
0.3580

 85.1140, 0.3251,
0.3239

 62.3692, 0.2331,
0.3592

 85.2445, 0.3236,
0.3217

 85.3767, 0.3222,
0.3195

 85.5104, 0.3208,
0.3174

Harmonies

Analogous

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



69.3909, 0.2933, 0.3691



69.3909, 0.2660, 0.3386



69.3909, 0.2513, 0.3070

Triad

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



69.3909, 0.2660, 0.3386



69.3909, 0.2960, 0.2777



69.3909, 0.3769, 0.3708

Complementary

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



69.3909, 0.2660, 0.3386



40.7161, 0.3919, 0.3200

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.



69.3909, 0.3783, 0.3452



69.3909, 0.2660, 0.3386



69.3909, 0.3301, 0.2933

Square

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



69.3909, 0.2660, 0.3386



69.3909, 0.2678, 0.2740



69.3909, 0.3609, 0.3174



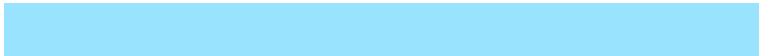
69.3909, 0.3576, 0.3871

Rectangle

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



69.3909, 0.2660, 0.3386



69.3909, 0.2500, 0.2903



69.3909, 0.3609, 0.3174



69.3909, 0.3795, 0.3629

Sweetspot

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



69.3937, 0.2660, 0.3386



94.8914, 0.2972, 0.3316



66.9609, 0.3129, 0.4367



20.1871, 0.2954, 0.3320



0.0000, 0.0000, 0.0000



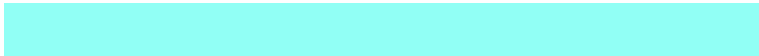
21.4041, 0.3127, 0.3290

Same Dimension

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



69.3937, 0.2660, 0.3386



84.1354, 0.2588, 0.3407



52.6802, 0.2560, 0.2867



16.3114, 0.2994, 0.3312



34.6293, 0.2330, 0.3587



2.5659, 0.2316, 0.3539

Inverse Universe

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



40.7161, 0.3919, 0.3200



44.0122, 0.4152, 0.3183



52.5730, 0.3863, 0.3675



14.3902, 0.3277, 0.3268



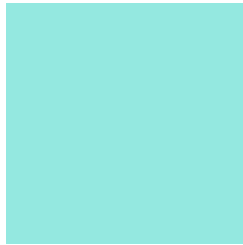
9.5649, 0.6288, 0.3238



0.7145, 0.6024, 0.3092

Previews

White Background



This preview shows how the Yxy color 69.3909, 0.2660, 0.3386 looks on a white background.

Color Contrast Check

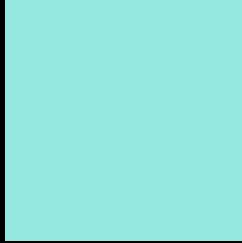
Large Text (above 18pt) WCAG AA × Fail

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 69.3909, 0.2660, 0.3386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

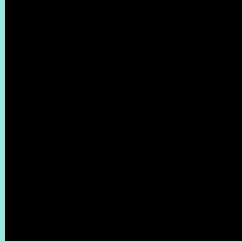
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.3909, 0.2660, 0.3386

Background



This preview shows how black text looks on a background with the Yxy color 69.3909, 0.2660, 0.3386.

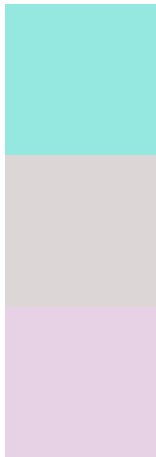


This preview shows how white text looks on a background with the Yxy color 69.3909, 0.2660, 0.3386.

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

69.3909, 0.2660, 0.3386

Protanopia

68.6716, 0.3170, 0.3301

Deuteranopia

68.7393, 0.3151, 0.3088



Tritanopia

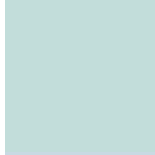
69.6240, 0.2571, 0.3079

Trichromacy



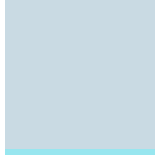
Original Color

69.3909, 0.2660, 0.3386



Protanomaly

68.2442, 0.2959, 0.3324



Deuteranomaly

68.1064, 0.2950, 0.3188



Tritanomaly

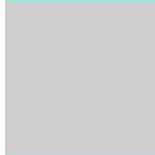
69.5010, 0.2602, 0.3182

Monochromacy



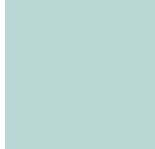
Original Color

69.3909, 0.2660, 0.3386



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

63.7193, 0.2928, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3909, 0.2660, 0.3386 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(148, 232, 224)` looks like.

```
.text, #text, p{  
    color:rgb(148, 232, 224)  
}
```

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(148, 232, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 232, 224) }
```

Border

The CSS property to change the border of an element to Yxy 69.3909, 0.2660, 0.3386 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(148, 232, 224) }
```

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

```
.border{ border-color:rgb(148, 232, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 232, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 232, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 232, 224);  
box-shadow:4px 4px 4px 4px rgb(148, 232,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3909, 0.2660, 0.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 232, 224) }
```

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

```
.background{ background-color: rgb(148,  
232, 224) }
```

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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