

Converting Colors

$Yxy(74.2128, 0.2597, 0.3366)$

Have a look what the booklet for
Yxy(74.2128, 0.2597, 0.3366)
contains.

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Color

Yxy(74.0115, 0.2595, 0.3360)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 8EF0EA |
| RGB | 142, 240, 234 |
| RGB Percent | 56%, 94%, 92% |
| CMY | 0.4432, 0.0588, 0.0824 |
| CMYK | 0.41, 0.00, 0.03, 0.06 |
| HSL | 176°, 77%, 75% |
| HSV | 176°, 41%, 94% |
| XYZ | 57.1607, 74.0115, 89.1002 |
| YIQ | 210.0140, -56.4820, -22.6420 |

Conversions

Conversions Part 2

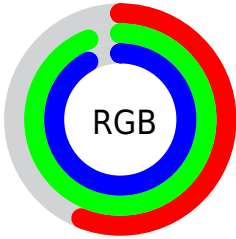
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 142, 193, 240 |
| Decimal | 9367786 |
| CIE Lab | 88.93, -30.23, -6.16 |
| CIE LCh | 89, 30.854, 191.515 |
| Yxy | 74.0115, 0.2595, 0.3360 |
| Android (android.graphics.Color) | 4287557866 (0xFF8EF0EA) |
| YUV | 210.0140, 11.8251, -59.6483 |
| Hunter-Lab | 86.0299, -31.9521, -1.1850 |

Details

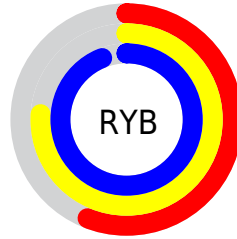
The Yxy color **74.0115, 0.2595, 0.3360** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **40.0037, 0.4109, 0.3226**, and the grayscale version is **64.4042, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0194, 0.2805, 0.3289**, and **39.3801, 0.2477, 0.3383** is the 20% darker color. If you saturate the color by 10%, you get **72.0311, 0.2499, 0.3380**, and if you desaturate by 10%, it is **76.4554, 0.2707, 0.3341**.

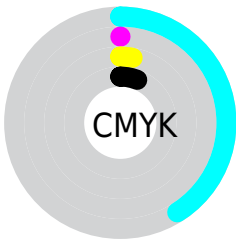
Distribution



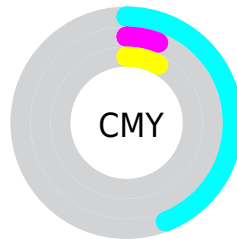
- Red (56%)
- Green (94%)
- Blue (92%)



- Red (56%)
- Yellow (76%)
- Blue (94%)



- Cyan (41%)
- Magenta (0%)
- Yellow (3%)
- Black (6%)





- Cyan (44%)
- Magenta (6%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.0115, 0.2595, 0.3360 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 74.0115, 0.2595, 0.3360 by changing the saturation by 10% instead.


 74.0115, 0.2595,
0.3360

 74.0115, 0.2595,
0.3360


474.5131, 0.2837,
0.3332

 54.8035, 0.2541,
0.3365


 124.9121, 0.2678,
0.3351

 39.2444, 0.2474,
0.3372


 157.3735, 0.2711,
0.3347

 26.9499, 0.2391,
0.3379


195.0214, 0.2739,
0.3344

 17.5356, 0.2284,
0.3386

238.2402, 0.2764,
0.3341

 10.6171, 0.2141,
0.3394

287.4144, 0.2785,
0.3338

 5.8100, 0.1942,
0.3400


342.9284, 0.2804,

 2.7299, 0.1648,


0.3336


405.1665, 0.2822,
0.3334


0.3397

 0.9924, 0.0717,
0.3533


 0.0000, 0.0000,
0.0000


 74.0115, 0.2595,
0.3360


 74.0115, 0.2595,
0.3360


 72.0311, 0.2499,
0.3380


 76.4554, 0.2707,
0.3341


 70.4759, 0.2422,
0.3400


 79.3811, 0.2833,
0.3323

 69.3156, 0.2364,
0.3421

 82.8163, 0.2970,
0.3306

 68.5124, 0.2326,
0.3442


 86.7843, 0.3115,
0.3291

 68.0208, 0.2306,
0.3462


 89.9589, 0.3218,
0.3277

 67.7764, 0.2300,
0.3481

 90.0477, 0.3209,
0.3263

 90.1371, 0.3200,
0.3248

 90.2273, 0.3190,
0.3234

 90.3182, 0.3181,
0.3220

Harmonies

Analogous

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



74.0115, 0.2881, 0.3705



74.0115, 0.2595, 0.3360



74.0115, 0.2451, 0.3018

Triad

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



74.0115, 0.2595, 0.3360



74.0115, 0.2976, 0.2742



74.0115, 0.3818, 0.3767

Complementary

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



74.0115, 0.2595, 0.3360



40.0037, 0.4109, 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.



74.0115, 0.3854, 0.3492



74.0115, 0.2595, 0.3360



74.0115, 0.3352, 0.2922

Square

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



74.0115, 0.2595, 0.3360



74.0115, 0.2660, 0.2688



74.0115, 0.3681, 0.3189



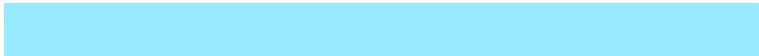
74.0115, 0.3589, 0.3935

Rectangle

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



74.0115, 0.2595, 0.3360



74.0115, 0.2448, 0.2844



74.0115, 0.3681, 0.3189



74.0115, 0.3853, 0.3683

Sweetspot

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



74.0144, 0.2595, 0.3360



94.5307, 0.2953, 0.3308



70.6222, 0.3107, 0.4538



20.1176, 0.2935, 0.3311



0.0000, 0.0000, 0.0000



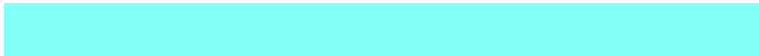
21.4041, 0.3127, 0.3290

Same Dimension

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



74.0144, 0.2595, 0.3360



83.0047, 0.2514, 0.3376



52.2132, 0.2482, 0.2759



17.9112, 0.2989, 0.3304



37.1055, 0.2299, 0.3478



3.0919, 0.2292, 0.3451

Inverse Universe

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



40.0037, 0.4109, 0.3226



39.0658, 0.4427, 0.3215



54.9504, 0.3973, 0.3760



15.7746, 0.3284, 0.3276



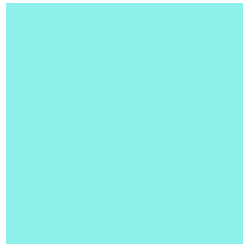
10.1659, 0.6336, 0.3264



0.8512, 0.6171, 0.3173

Previews

White Background



This preview shows how the Yxy color 74.0115, 0.2595, 0.3360 looks on a white background.

Color Contrast Check

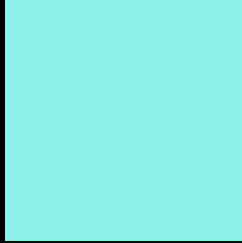
Large Text (above 18pt) WCAG AA × Fail

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 74.0115, 0.2595, 0.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

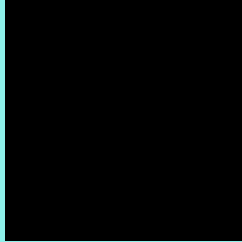
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.0115, 0.2595, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 74.0115, 0.2595, 0.3360.

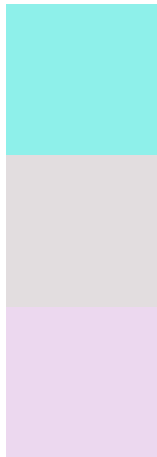


This preview shows how white text looks on a background with the Yxy color 74.0115, 0.2595, 0.3360.

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

74.0115, 0.2595, 0.3360

Protanopia

73.2094, 0.3149, 0.3269

Deuteranopia

73.1766, 0.3117, 0.3052



Tritanopia

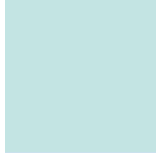
73.6949, 0.2526, 0.3071

Trichromacy



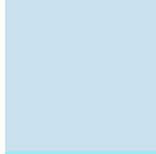
Original Color

74.0115, 0.2595, 0.3360



Protanomaly

72.6350, 0.2913, 0.3301



Deuteranomaly

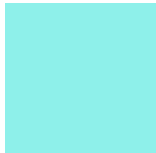
72.5214, 0.2898, 0.3157



Tritanomaly

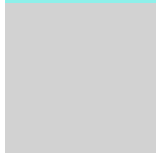
73.4868, 0.2551, 0.3172

Monochromacy



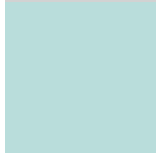
Original Color

74.0115, 0.2595, 0.3360



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

67.1417, 0.2894, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0115, 0.2595, 0.3360 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(142, 240, 234)` looks like.

```
.text, #text, p{  
    color:rgb(142, 240, 234)  
}
```

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(142, 240, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 240, 234) }
```

Border

The CSS property to change the border of an element to Yxy 74.0115, 0.2595, 0.3360 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(142, 240, 234) }
```

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

```
.border{ border-color:rgb(142, 240, 234) }
```

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

Here you see how a box with a 4 pixel rgb(142, 240, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 240, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 240, 234);  
box-shadow:4px 4px 4px 4px rgb(142, 240,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0115, 0.2595, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 240, 234) }
```

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

```
.background{ background-color: rgb(142,  
240, 234) }
```

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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