

Converting Colors

Yxy(69.3718, 0.2290, 0.3445)

Have a look what the booklet for
Yxy(69.3718, 0.2290, 0.3445)
contains.

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Color

Yxy(69.2174, 0.2290, 0.3443)

Conversions

Conversions Part 1

Format	Color
Hex	01F2E6
RGB	1, 242, 230
RGB Percent	0%, 95%, 90%
CMY	0.9977, 0.0510, 0.0981
CMYK	1.00, 0.00, 0.05, 0.05
HSL	177°, 100%, 48%
HSV	177°, 100%, 95%
XYZ	46.0377, 69.2174, 85.7829
YIQ	168.5730, -139.7840, -54.8240

Conversions

Conversions Part 2

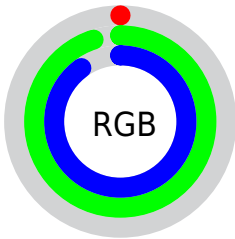
Format	Color
R _Y B	1, 125, 242
Decimal	127718
CIE Lab	86.61, -49.62, -7.80
CIE LCh	87, 50.230, 188.936
Yxy	69.2174, 0.2290, 0.3443
Android (android.graphics.Color)	4278317798 (0xFF01F2E6)
YUV	168.5730, 30.2835, -146.9615
Hunter-Lab	83.1970, -46.8204, -2.8950

Details

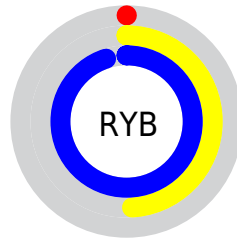
The Yxy color **69.2174, 0.2290, 0.3443** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light saturated cyan. A complement of this color would be **18.9177, 0.6360, 0.3279**, and the grayscale version is **39.2867, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.4530, 0.2433, 0.3288**, and **37.7931, 0.2293, 0.3454** is the 20% darker color. If you saturate the color by 10%, you get **69.2147, 0.2290, 0.3443**, and if you desaturate by 10%, it is **69.4880, 0.2298, 0.3427**.

Distribution



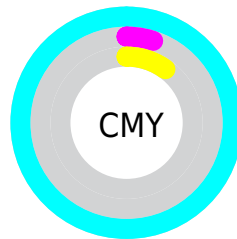
- Red (0%)
- Green (95%)
- Blue (90%)



- Red (0%)
- Yellow (49%)
- Blue (95%)



- Cyan (100%)
- Magenta (0%)
- Yellow (5%)
- Black (5%)





- Cyan (100%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.2174, 0.2290, 0.3443 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 69.2174, 0.2290, 0.3443 by changing the saturation by 10% instead.


 69.2174, 0.2290,
0.3443


 69.2174, 0.2290,
0.3443


457.7974, 0.2671,
0.3381

 50.8888, 0.2205,
0.3455

 118.0920, 0.2421,
0.3423

 36.1201, 0.2101,
0.3468


 149.4068, 0.2472,
0.3415


 24.5270, 0.1972,
0.3482


 185.8192, 0.2516,
0.3408

 15.7250, 0.1807,
0.3498

 227.7134, 0.2555,
0.3402

 9.3298, 0.1591,
0.3512

 275.4739, 0.2589,
0.3396

 4.9569, 0.1300,
0.3517

329.4852, 0.2620,

 2.2220, 0.0848,

0.3390

390.1315, 0.2647,
0.3386

0.3510

0.7319, 0.0000,
0.3443

0.0000, 0.0000,
0.0000

69.2174, 0.2290,
0.3443

69.2174, 0.2290,
0.3443

69.2147, 0.2290,
0.3443

69.4880, 0.2298,
0.3427

70.0049, 0.2321,
0.3410

70.8447, 0.2362,
0.3394

72.0528, 0.2422,
0.3377

■ 73.6671, 0.2503,
0.3360

■ 75.7212, 0.2601,
0.3345

■ 78.2448, 0.2716,
0.3329

■ 81.2652, 0.2844,
0.3315

■ 84.8077, 0.2983,
0.3302

Harmonies

Analogous

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



69.2174, 0.2752, 0.4053



69.2174, 0.2290, 0.3443



69.2174, 0.2056, 0.2855

Triad

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



69.2174, 0.2290, 0.3443



69.2174, 0.2816, 0.2410



69.2174, 0.4280, 0.3993

Complementary

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



69.2174, 0.2290, 0.3443



18.9177, 0.6360, 0.3279

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.



69.2174, 0.4331, 0.3535



69.2174, 0.2290, 0.3443



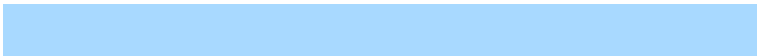
69.2174, 0.3435, 0.2672

Square

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



69.2174, 0.2290, 0.3443



69.2174, 0.2336, 0.2332



69.2174, 0.4013, 0.3069



69.2174, 0.3906, 0.4335

Rectangle

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



69.2174, 0.2290, 0.3443



69.2174, 0.2041, 0.2574



69.2174, 0.4013, 0.3069



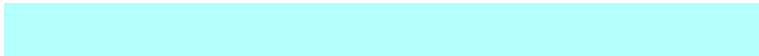
69.2174, 0.4338, 0.3847

Sweetspot

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



69.2200, 0.2290, 0.3443



88.0214, 0.2712, 0.3330



63.5882, 0.3008, 0.5993



18.5704, 0.2661, 0.3336



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.



69.2200, 0.2290, 0.3443



77.9493, 0.2290, 0.3444



23.2879, 0.1813, 0.1725



17.9146, 0.2988, 0.3301



37.1890, 0.2289, 0.3441



3.0979, 0.2283, 0.3419

Inverse Universe

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



18.9177, 0.6360, 0.3279



21.2883, 0.6365, 0.3280



29.8619, 0.5575, 0.3953



15.7716, 0.3286, 0.3279



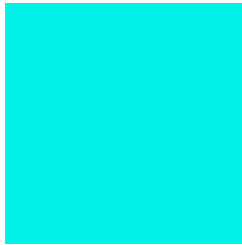
10.1610, 0.6348, 0.3271



0.8498, 0.6213, 0.3196

Previews

White Background



This preview shows how the Yxy color 69.2174, 0.2290, 0.3443 looks on a white background.

Color Contrast Check

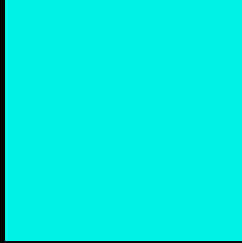
Large Text (above 18pt) WCAG AA × Fail

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 69.2174, 0.2290, 0.3443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

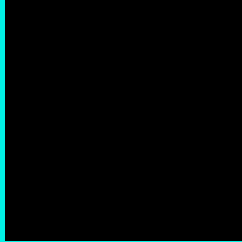
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

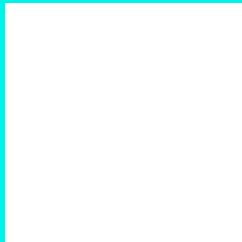
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.2174, 0.2290, 0.3443

Background



This preview shows how black text looks on a background with the Yxy color 69.2174, 0.2290, 0.3443.

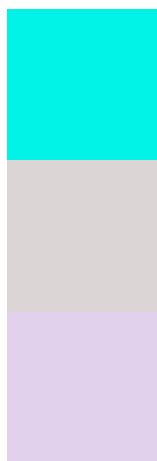


This preview shows how white text looks on a background with the Yxy color 69.2174, 0.2290, 0.3443.

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

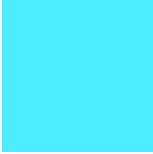
69.2239, 0.2290, 0.3443

Protanopia

67.9573, 0.3171, 0.3301

Deuteranopia

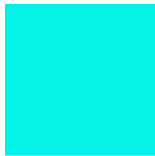
67.7229, 0.3054, 0.2991



Tritanopia

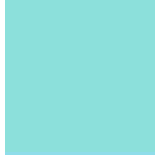
69.3662, 0.2274, 0.3069

Trichromacy



Original Color

69.2239, 0.2290, 0.3443



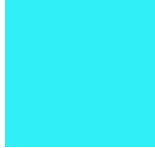
Protanomaly

64.0012, 0.2632, 0.3351



Deuteranomaly

63.4931, 0.2565, 0.3130



Tritanomaly

69.0398, 0.2260, 0.3200

Monochromacy



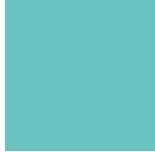
Original Color

69.2239, 0.2290, 0.3443



Achromatopsia

39.1572, 0.3127, 0.3290



Achromatomaly

45.9176, 0.2550, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2174, 0.2290, 0.3443 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(1, 242, 230)` looks like.

```
.text, #text, p{  
    color:rgb(1, 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(1, 242, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 242, 230) }
```

Border

The CSS property to change the border of an element to Yxy 69.2174, 0.2290, 0.3443 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(1, 242, 230) }
```

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

```
.border{ border-color:rgb(1, 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(1, 242, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 242, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 242, 230);  
box-shadow:4px 4px 4px 4px rgb(1, 242,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2174, 0.2290, 0.3443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 242, 230) }
```

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

```
.background{ background-color: rgb(1, 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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