

Converting Colors

$Yxy(74.1416, 0.2608, 0.4573)$

Have a look what the booklet for
Yxy(74.1416, 0.2608, 0.4573)
contains.

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Color

Yxy(74.1513, 0.2607, 0.4570)

Conversions

Conversions Part 1

Format	Color
Hex	08FFA1
RGB	8, 255, 161
RGB Percent	3%, 100%, 63%
CMY	0.9671, 0.0000, 0.3686
CMYK	0.97, 0.00, 0.37, 0.00
HSL	157°, 100%, 52%
HSV	157°, 97%, 100%
XYZ	42.3003, 74.1513, 45.8051
YIQ	170.4310, -117.0380, -81.5980

Conversions

Conversions Part 2

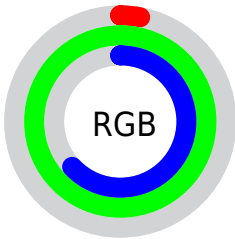
Format	Color
RYB	8, 161, 255
Decimal	589729
CIELab	88.99, -70.82, 31.17
CIELCh	89, 77.371, 156.246
Yxy	74.1513, 0.2607, 0.4570
Android (android.graphics.Color)	4278779809 (0xFF08FFA1)
YUV	170.4310, -4.6495, -142.4520
Hunter-Lab	86.1111, -63.0101, 28.7397

Details

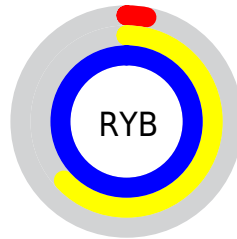
The Yxy color **74.1513, 0.2607, 0.4570** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle saturated spring green. A complement of this color would be **22.4089, 0.5411, 0.2772**, and the grayscale version is **40.5540, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2598, 0.2602, 0.3763**, and **41.0366, 0.2675, 0.4830** is the 20% darker color. If you saturate the color by 10%, you get **73.9822, 0.2616, 0.4617**, and if you desaturate by 10%, it is **74.7882, 0.2587, 0.4424**.

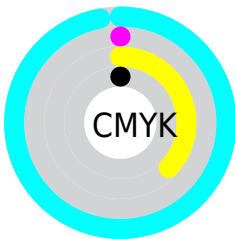
Distribution



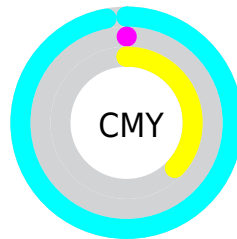
- Red (3%)
- Green (100%)
- Blue (63%)



- Red (3%)
- Yellow (63%)
- Blue (100%)



- Cyan (97%)
- Magenta (0%)
- Yellow (37%)
- Black (0%)





- Cyan (97%)
- Magenta (0%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1513, 0.2607, 0.4570 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 74.1513, 0.2607, 0.4570 by changing the saturation by 10% instead.

 74.1513, 0.2607,
0.4570

 74.1513, 0.2607,
0.4570


474.9954, 0.2870,
0.3932

 54.9179, 0.2541,
0.4727


 125.1103, 0.2703,
0.4340

 39.3360, 0.2458,
0.4925

 157.6046, 0.2739,
0.4253

 27.0212, 0.2347,
0.5185


 195.2880, 0.2769,
0.4179

 17.5891, 0.2195,
0.5537

 238.5449, 0.2795,
0.4116

 10.6554, 0.1978,
0.6034

 287.7597, 0.2818,
0.4061

 5.8356, 0.1647,
0.6774


343.3168, 0.2837,

 2.7454, 0.0863,


0.4013


0.8783


405.6006, 0.2855,
0.3970


 1.0003, 0.0000,
1.0000

 0.0000, 0.0000,
0.0000


 74.1513, 0.2607,
0.4570


 74.1513, 0.2607,
0.4570


 73.9822, 0.2616,
0.4617


 74.7882, 0.2587,
0.4424


 75.7753, 0.2588,
0.4274

 77.1711, 0.2609,
0.4124


 79.0248, 0.2649,
0.3977

 81.3783, 0.2708,
0.3834

 84.2690, 0.2782,
0.3699

 87.7302, 0.2867,
0.3574

 91.7927, 0.2960,
0.3458

 96.4849, 0.3059,
0.3354

Harmonies

Analogous

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



74.1513, 0.3458, 0.5008



74.1513, 0.2607, 0.4570



74.1513, 0.1947, 0.3582

Triad

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



74.1513, 0.2607, 0.4570



74.1513, 0.1949, 0.1940



74.1513, 0.4905, 0.3503

Complementary

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



74.1513, 0.2607, 0.4570



22.4089, 0.5411, 0.2772

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.



74.1513, 0.4392, 0.2885



74.1513, 0.2607, 0.4570



74.1513, 0.2581, 0.2034

Square

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



74.1513, 0.2607, 0.4570



74.1513, 0.1633, 0.2128



74.1513, 0.3481, 0.2368



74.1513, 0.4823, 0.4156

Rectangle

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



74.1513, 0.2607, 0.4570



74.1513, 0.1693, 0.2935



74.1513, 0.3481, 0.2368



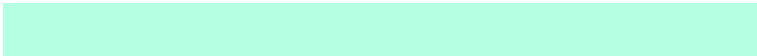
74.1513, 0.4798, 0.3291

Sweetspot

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



74.1477, 0.2607, 0.4570



86.8857, 0.2846, 0.3602



74.4174, 0.3228, 0.5803



18.2781, 0.2810, 0.3655



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.



74.1477, 0.2607, 0.4570



73.9822, 0.2616, 0.4617



61.7913, 0.2149, 0.2924



20.3572, 0.3031, 0.3382



38.6873, 0.2609, 0.4593



3.7882, 0.2563, 0.4428

Inverse Universe

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



22.4089, 0.5411, 0.2772



22.1266, 0.5503, 0.2805



22.6115, 0.6265, 0.3377



18.1016, 0.3234, 0.3200



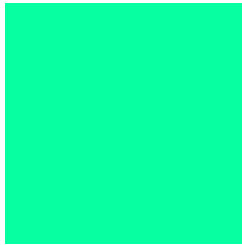
11.5884, 0.5461, 0.2782



1.1488, 0.5153, 0.2612

Previews

White Background



This preview shows how the Yxy color 74.1513, 0.2607, 0.4570 looks on a white background.

Color Contrast Check

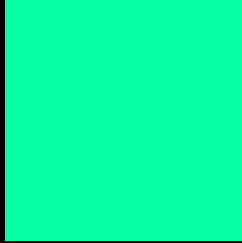
Large Text (above 18pt) WCAG AA × Fail

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 74.1513, 0.2607, 0.4570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

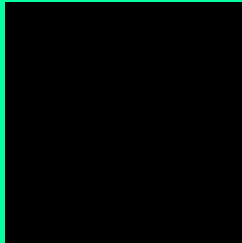
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.1513, 0.2607, 0.4570

Background



This preview shows how black text looks on a background with the Yxy color 74.1513, 0.2607, 0.4570.



This preview shows how white text looks on a background with the Yxy color 74.1513, 0.2607, 0.4570.

Color Blindness Simulation

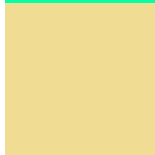
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

74.1448, 0.2607, 0.4570



Protanopia

72.3448, 0.3779, 0.4077



Deuteranopia

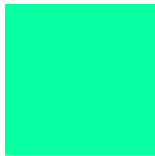
72.5675, 0.3700, 0.3662



Tritanopia

73.6988, 0.2446, 0.3102

Trichromacy



Original Color

74.1448, 0.2607, 0.4570



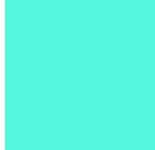
Protanomaly

67.6127, 0.3104, 0.4325



Deuteranomaly

67.0165, 0.3048, 0.4006



Tritanomaly

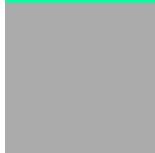
72.5037, 0.2455, 0.3592

Monochromacy



Original Color

74.1448, 0.2607, 0.4570



Achromatopsia

40.7240, 0.3127, 0.3290



Achromatomaly

48.4758, 0.2731, 0.3807

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1513, 0.2607, 0.4570 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(8, 255, 161)` looks like.

```
.text, #text, p{  
    color:rgb(8, 255, 161)  
}
```

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(8, 255, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 255, 161) }
```

Border

The CSS property to change the border of an element to Yxy 74.1513, 0.2607, 0.4570 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(8, 255, 161) }
```

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

```
.border{ border-color:rgb(8, 255, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 255, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 255, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 255, 161);  
box-shadow:4px 4px 4px 4px rgb(8, 255,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1513, 0.2607, 0.4570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 255, 161) }
```

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

```
.background{ background-color: rgb(8, 255,  
161) }
```

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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