

Converting Colors

$Yxy(74.2246, 0.2412, 0.3127)$

Have a look what the booklet for
Yxy(74.2246, 0.2412, 0.3127)
contains.

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Color

Yxy(74.1237, 0.2413, 0.3124)

Conversions

Conversions Part 1

Format	Color
Hex	78F1FF
RGB	120, 241, 255
RGB Percent	47%, 95%, 100%
CMY	0.5293, 0.0549, 0.0000
CMYK	0.53, 0.05, 0.00, 0.00
HSL	186°, 100%, 74%
HSV	186°, 53%, 100%
XYZ	57.2537, 74.1237, 105.8944
YIQ	206.4170, -76.6100, -21.2980

Conversions

Conversions Part 2

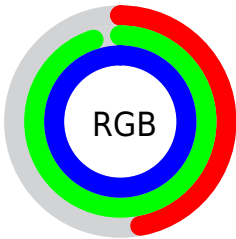
Format	Color
R_{YB}	120, 184, 255
Decimal	7926271
CIE _{Lab}	88.98, -30.23, -17.15
CIE _{LCh}	89, 34.759, 209.567
Yxy	74.1237, 0.2413, 0.3124
Android (android.graphics.Color)	4286116351 (0xFF78F1FF)
YUV	206.4170, 23.9514, -75.7877
Hunter-Lab	86.0951, -31.9631, -12.6583

Details

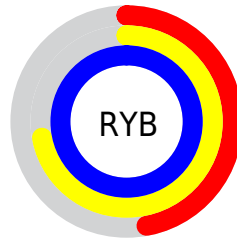
The Yxy color **74.1237, 0.2413, 0.3124** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **39.6761, 0.4604, 0.3436**, and the grayscale version is **61.8899, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5638, 0.2706, 0.3289**, and **39.4789, 0.2260, 0.3086** is the 20% darker color. If you saturate the color by 10%, you get **70.9846, 0.2323, 0.3088**, and if you desaturate by 10%, it is **77.7766, 0.2521, 0.3159**.

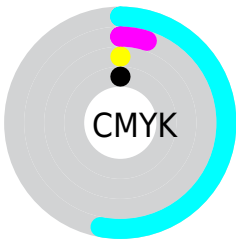
Distribution



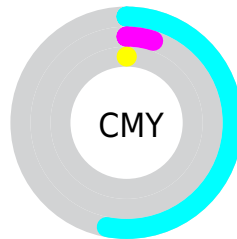
- Red (47%)
- Green (95%)
- Blue (100%)



- Red (47%)
- Yellow (72%)
- Blue (100%)



- Cyan (53%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)





- Cyan (53%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1237, 0.2413, 0.3124 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 74.1237, 0.2413, 0.3124 by changing the saturation by 10% instead.


 74.1237, 0.2413,
0.3124

 74.1237, 0.2413,
0.3124


474.9002, 0.2733,
0.3210

 54.8953, 0.2343,
0.3103


 125.0711, 0.2522,
0.3155

 39.3179, 0.2257,
0.3075


 157.5590, 0.2565,
0.3167

 27.0071, 0.2152,
0.3039


 195.2354, 0.2602,
0.3177

 17.5786, 0.2018,
0.2990

238.4848, 0.2635,
0.3185

 10.6478, 0.1843,
0.2920

287.6916, 0.2664,
0.3193

 5.8306, 0.1608,
0.2813

343.2401, 0.2689,

 2.7423, 0.1281,

0.3199

0.2637

405.5149, 0.2712,
0.3205

0.9987, 0.0495,
0.2390

0.0000, 0.0000,
0.0000

74.1237, 0.2413,
0.3124

74.1237, 0.2413,
0.3124

70.9846, 0.2323,
0.3088

77.7766, 0.2521,
0.3159

68.3112, 0.2252,
0.3051

81.9699, 0.2645,
0.3193

66.0607, 0.2201,
0.3015

86.7386, 0.2782,
0.3225

64.1776, 0.2168,
0.2979

92.1120, 0.2928,
0.3255

63.0105, 0.2154,
0.2954

98.1174, 0.3081,
0.3282

99.9999, 0.3127,
0.3290

Harmonies

Analogous

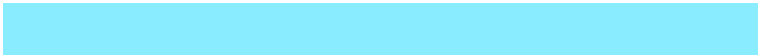
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.1237, 0.2641, 0.3531



74.1237, 0.2413, 0.3124



74.1237, 0.2365, 0.2803

Triad

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



74.1237, 0.2413, 0.3124



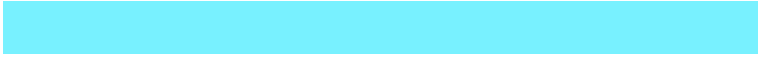
74.1237, 0.3209, 0.2785



74.1237, 0.3769, 0.3958

Complementary

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



74.1237, 0.2413, 0.3124



39.6761, 0.4604, 0.3436

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.



74.1237, 0.3950, 0.3706



74.1237, 0.2413, 0.3124



74.1237, 0.3618, 0.3048

Square

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



74.1237, 0.2413, 0.3124



74.1237, 0.2801, 0.2636



74.1237, 0.3896, 0.3376



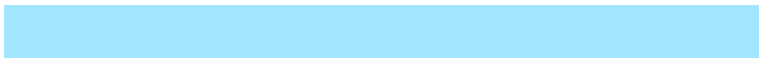
74.1237, 0.3419, 0.4039

Rectangle

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



74.1237, 0.2413, 0.3124



74.1237, 0.2436, 0.2673



74.1237, 0.3896, 0.3376



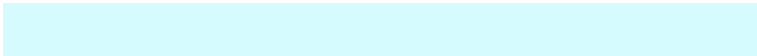
74.1237, 0.3852, 0.3888

Sweetspot

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



74.1265, 0.2413, 0.3124



90.3961, 0.2882, 0.3246



77.2226, 0.2991, 0.4833



19.1093, 0.2852, 0.3240



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.



74.1265, 0.2413, 0.3124



70.6772, 0.2314, 0.3084



41.4958, 0.2238, 0.2269



20.1405, 0.2980, 0.3265



33.0554, 0.2156, 0.2960



3.3073, 0.2167, 0.3001

Inverse Universe

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



41.0523, 0.3313, 0.2131



35.0571, 0.3359, 0.1947



64.3961, 0.4182, 0.4110



18.2660, 0.3154, 0.3080



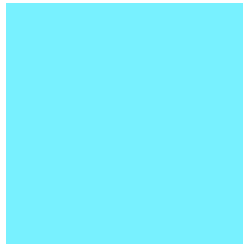
14.0649, 0.3490, 0.1696



1.3784, 0.3453, 0.1676

Previews

White Background



This preview shows how the Yxy color 74.1237, 0.2413, 0.3124 looks on a white background.

Color Contrast Check

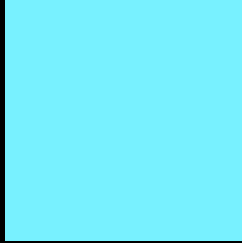
Large Text (above 18pt) WCAG AA × Fail

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 74.1237, 0.2413, 0.3124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

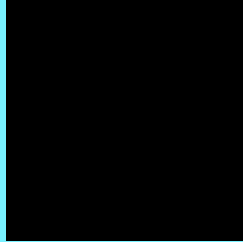
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.1237, 0.2413, 0.3124

Background



This preview shows how black text looks on a background with the Yxy color 74.1237, 0.2413, 0.3124.

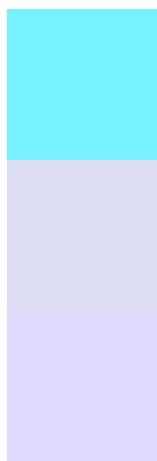


This preview shows how white text looks on a background with the Yxy color 74.1237, 0.2413, 0.3124.

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

74.1237, 0.2413, 0.3124

Protanopia

73.3394, 0.2986, 0.3067

Deuteranopia

73.3704, 0.2939, 0.2907



Tritanopia

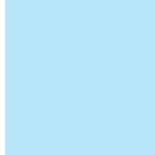
74.0318, 0.2490, 0.3092

Trichromacy



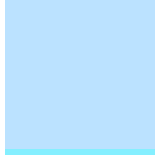
Original Color

74.1237, 0.2413, 0.3124



Protanomaly

72.3926, 0.2733, 0.3077



Deuteranomaly

72.1775, 0.2705, 0.2970



Tritanomaly

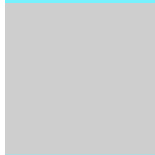
73.9395, 0.2458, 0.3103

Monochromacy



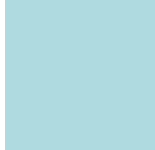
Original Color

74.1237, 0.2413, 0.3124



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

65.1588, 0.2799, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1237, 0.2413, 0.3124 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(120, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(120, 241, 255)  
}
```

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(120, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 241, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.1237, 0.2413, 0.3124 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(120, 241, 255) }
```

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

```
.border{ border-color:rgb(120, 241, 255) }
```

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

Here you see how a box with a 4 pixel rgb(120, 241, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(120, 241,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1237, 0.2413, 0.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 241, 255) }
```

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

```
.background{ background-color: rgb(120,  
241, 255) }
```

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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