

Converting Colors

$Yxy(74.3895, 0.2491, 0.3100)$

Have a look what the booklet for
Yxy(74.3895, 0.2491, 0.3100)
contains.

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Color

Yxy(74.6157, 0.2492, 0.3104)

Conversions

Conversions Part 1

Format	Color
Hex	8DEFFF
RGB	141, 239, 255
RGB Percent	55%, 94%, 100%
CMY	0.4470, 0.0627, 0.0000
CMYK	0.45, 0.06, 0.00, 0.00
HSL	188°, 100%, 78%
HSV	188°, 45%, 100%
XYZ	59.9041, 74.6157, 105.8658
YIQ	211.5220, -63.5440, -15.8000

Conversions

Conversions Part 2

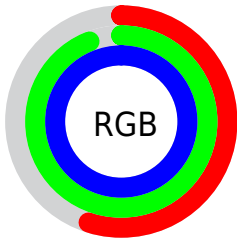
Format	Color
RYB	141, 194, 255
Decimal	9302015
CIELab	89.21, -24.81, -16.73
CIELCh	89, 29.929, 213.996
Yxy	74.6157, 0.2492, 0.3104
Android (android.graphics.Color)	4287492095 (0xFF8DEFFF)
YUV	211.5220, 21.4347, -61.8478
Hunter-Lab	86.3804, -27.3773, -12.1982

Details

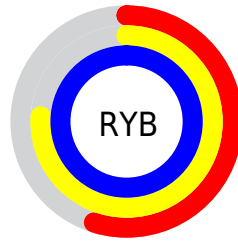
The Yxy color **74.6157, 0.2492, 0.3104** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **47.3018, 0.4251, 0.3461**, and the grayscale version is **65.3942, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0194, 0.2805, 0.3289**, and **39.6935, 0.2353, 0.3061** is the 20% darker color. If you saturate the color by 10%, you get **70.5582, 0.2383, 0.3056**, and if you desaturate by 10%, it is **79.2328, 0.2617, 0.3151**.

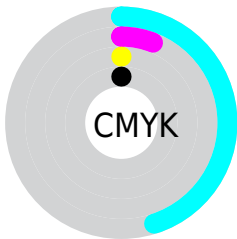
Distribution



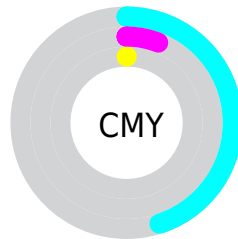
- Red (55%)
- Green (94%)
- Blue (100%)



- Red (55%)
- Yellow (76%)
- Blue (100%)



- Cyan (45%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)





- Cyan (45%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.6157, 0.2492, 0.3104 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 74.6157, 0.2492, 0.3104 by changing the saturation by 10% instead.

 74.6157, 0.2492,
0.3104


 74.6157, 0.2492,
0.3104


476.5956, 0.2777,
0.3197

 55.2981, 0.2429,
0.3081


 125.7682, 0.2589,
0.3137

 39.6405, 0.2353,
0.3053


 158.3719, 0.2628,
0.3150

 27.2583, 0.2258,
0.3016


196.1732, 0.2661,
0.3161

 17.7673, 0.2137,
0.2966

239.5563, 0.2690,
0.3170

 10.7831, 0.1978,
0.2896

288.9057, 0.2716,
0.3178

 5.9212, 0.1763,
0.2791

344.6058, 0.2738,

 2.7972, 0.1458,

0.3185

0.2620

407.0410, 0.2759,
0.3191

■ 1.0268, 0.0834,
0.2355

■ 0.0000, 0.0000,
0.0000

■ 74.6157, 0.2492,
0.3104

■ 74.6157, 0.2492,
0.3104

■ 70.5582, 0.2383,
0.3056

■ 79.2328, 0.2617,
0.3151

■ 67.0190, 0.2291,
0.3006

■ 84.4367, 0.2754,
0.3195

■ 63.9591, 0.2219,
0.2956

■ 90.2594, 0.2901,
0.3236

■ 61.3315, 0.2166,
0.2905

■ 96.7284, 0.3054,
0.3273

■ 59.0779, 0.2132,
0.2856

100.0000, 0.3127,
0.3290

■ 57.9918, 0.2119,
0.2830

Harmonies

Analogous

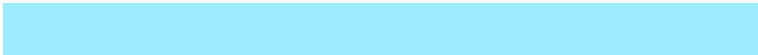
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.6157, 0.2670, 0.3446



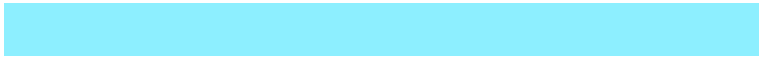
74.6157, 0.2492, 0.3104



74.6157, 0.2473, 0.2842

Triad

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



74.6157, 0.2492, 0.3104



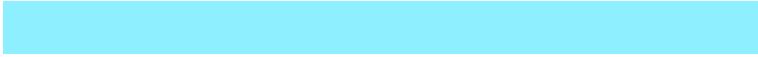
74.6157, 0.3254, 0.2880



74.6157, 0.3644, 0.3888

Complementary

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



74.6157, 0.2492, 0.3104



47.3018, 0.4251, 0.3461

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.



74.6157, 0.3823, 0.3693



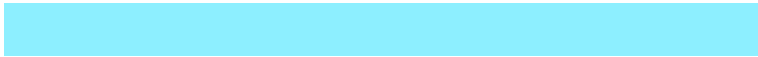
74.6157, 0.2492, 0.3104



74.6157, 0.3593, 0.3123

Square

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



74.6157, 0.2492, 0.3104



74.6157, 0.2896, 0.2733



74.6157, 0.3807, 0.3413



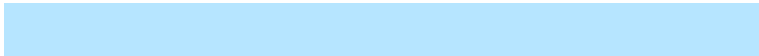
74.6157, 0.3330, 0.3922

Rectangle

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



74.6157, 0.2492, 0.3104



74.6157, 0.2552, 0.2741



74.6157, 0.3807, 0.3413



74.6157, 0.3723, 0.3837

Sweetspot

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



74.6175, 0.2492, 0.3104



91.3130, 0.2927, 0.3242



79.5914, 0.2990, 0.4510



19.2528, 0.2893, 0.3234



0.0000, 0.0000, 0.0000



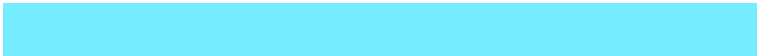
21.4041, 0.3127, 0.3290

Same Dimension

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



74.6175, 0.2492, 0.3104



70.8252, 0.2390, 0.3059



46.6721, 0.2370, 0.2408



20.0210, 0.2980, 0.3256



30.4691, 0.2122, 0.2838



3.0809, 0.2137, 0.2895

Inverse Universe

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



46.5459, 0.3317, 0.2327



40.0897, 0.3366, 0.2151



70.8752, 0.3972, 0.4028



18.2539, 0.3160, 0.3088



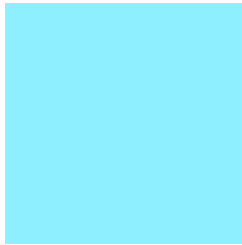
13.8038, 0.3600, 0.1757



1.3556, 0.3548, 0.1728

Previews

White Background



This preview shows how the Yxy color 74.6157, 0.2492, 0.3104 looks on a white background.

Color Contrast Check

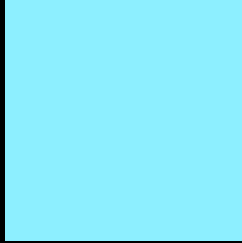
Large Text (above 18pt) WCAG AA × Fail

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 74.6157, 0.2492, 0.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

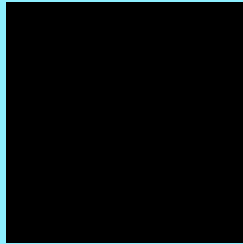
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.6157, 0.2492, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 74.6157, 0.2492, 0.3104.

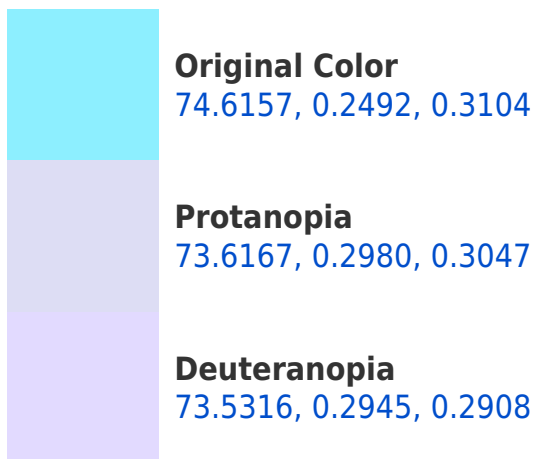


This preview shows how white text looks on a background with the Yxy color 74.6157, 0.2492, 0.3104.

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





Tritanopia

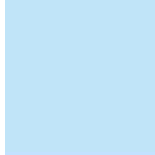
74.3677, 0.2533, 0.3083

Trichromacy



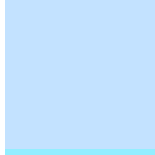
Original Color

74.6157, 0.2492, 0.3104



Protanomaly

73.4706, 0.2775, 0.3069



Deuteranomaly

73.2148, 0.2753, 0.2975



Tritanomaly

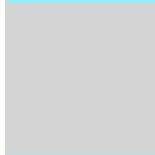
74.5721, 0.2517, 0.3094

Monochromacy



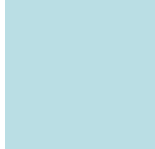
Original Color

74.6157, 0.2492, 0.3104



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

68.2831, 0.2847, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6157, 0.2492, 0.3104 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(141, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(141, 239, 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(141, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 239, 255) }
```

Border

The CSS property to change the border of an element to Yxy 74.6157, 0.2492, 0.3104 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(141, 239, 255) }
```

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

```
.border{ border-color:rgb(141, 239, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(141, 239,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6157, 0.2492, 0.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 239, 255) }
```

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

```
.background{ background-color: rgb(141,  
239, 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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