

Converting Colors

$Yxy(73.1481, 0.2444, 0.3091)$

Have a look what the booklet for
Yxy(73.1481, 0.2444, 0.3091)
contains.

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Color

Yxy(73.1149, 0.2444, 0.3090)

Conversions

Conversions Part 1

Format	Color
Hex	82EEFF
RGB	130, 238, 255
RGB Percent	51%, 93%, 100%
CMY	0.4902, 0.0666, 0.0000
CMYK	0.49, 0.07, 0.00, 0.00
HSL	188°, 100%, 75%
HSV	188°, 49%, 100%
XYZ	57.8294, 73.1149, 105.6735
YIQ	207.6460, -69.8250, -17.6090

Conversions

Conversions Part 2

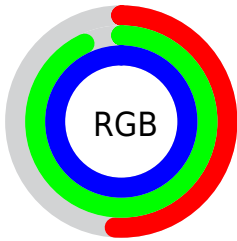
Format	Color
R_{YB}	130, 188, 255
Decimal	8580863
CIE _{Lab}	88.50, -26.76, -17.84
CIE _{LCh}	89, 32.160, 213.688
Y _{xy}	73.1149, 0.2444, 0.3090
Android (android.graphics.Color)	4286770943 (0xFF82EEFF)
YUV	207.6460, 23.3455, -68.0955
Hunter-Lab	85.5073, -28.9164, -13.4180

Details

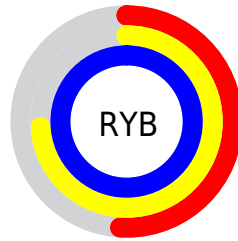
The Yxy color **73.1149, 0.2444, 0.3090** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **43.7358, 0.4419, 0.3469**, and the grayscale version is **62.7160, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6871, 0.2752, 0.3289**, and **38.7264, 0.2296, 0.3042** is the 20% darker color. If you saturate the color by 10%, you get **69.3454, 0.2343, 0.3043**, and if you desaturate by 10%, it is **77.4280, 0.2562, 0.3136**.

Distribution



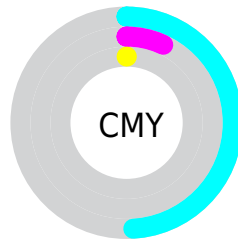
- Red (51%)
- Green (93%)
- Blue (100%)



- Red (51%)
- Yellow (74%)
- Blue (100%)



- Cyan (49%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)





- Cyan (49%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.1149, 0.2444, 0.3090 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 73.1149, 0.2444, 0.3090 by changing the saturation by 10% instead.

 73.1149, 0.2444,
0.3090


 73.1149, 0.2444,
0.3090


471.4129, 0.2751,
0.3190


 54.0699, 0.2376,
0.3065


 123.6403, 0.2549,
0.3126

 38.6576, 0.2294,
0.3034


 155.8895, 0.2590,
0.3140

 26.4934, 0.2192,
0.2994


 193.3090, 0.2626,
0.3152

 17.1931, 0.2062,
0.2939

236.2830, 0.2657,
0.3162

 10.3723, 0.1892,
0.2861

285.1960, 0.2685,
0.3170

 5.6465, 0.1662,
0.2744

340.4324, 0.2709,

 2.6313, 0.1339,

0.3178

0.2554

402.3766, 0.2731,
0.3185

■ 0.9424, 0.0584,
0.2279

■ 0.0000, 0.0000,
0.0000

■ 73.1149, 0.2444,
0.3090

■ 73.1149, 0.2444,
0.3090

■ 69.3454, 0.2343,
0.3043

■ 77.4280, 0.2562,
0.3136

■ 66.0740, 0.2260,
0.2994

■ 82.3109, 0.2694,
0.3180

■ 63.2600, 0.2197,
0.2945

■ 87.7972, 0.2837,
0.3221

■ 60.8523, 0.2153,
0.2897

■ 93.9156, 0.2987,
0.3259

■ 58.7755, 0.2126,
0.2849

100.0000, 0.3127,
0.3290

■ 58.5809, 0.2124,
0.2845

Harmonies

Analogous

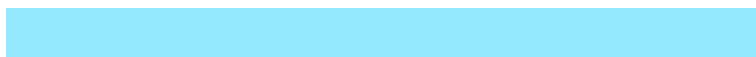
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.1149, 0.2636, 0.3462



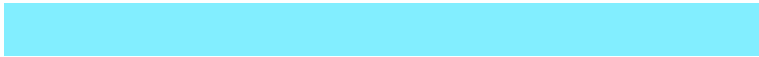
73.1149, 0.2444, 0.3090



73.1149, 0.2423, 0.2807

Triad

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



73.1149, 0.2444, 0.3090



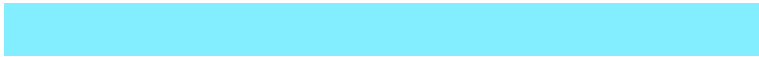
73.1149, 0.3259, 0.2846



73.1149, 0.3688, 0.3934

Complementary

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



73.1149, 0.2444, 0.3090



43.7358, 0.4419, 0.3469

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.



73.1149, 0.3881, 0.3719



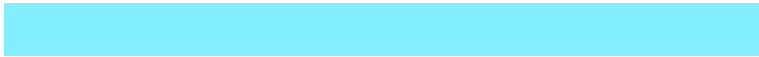
73.1149, 0.2444, 0.3090



73.1149, 0.3629, 0.3105

Square

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



73.1149, 0.2444, 0.3090



73.1149, 0.2873, 0.2690



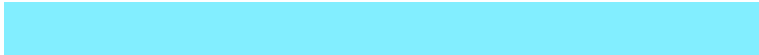
73.1149, 0.3862, 0.3417



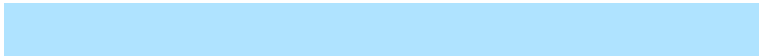
73.1149, 0.3349, 0.3978

Rectangle

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



73.1149, 0.2444, 0.3090



73.1149, 0.2505, 0.2699



73.1149, 0.3862, 0.3417



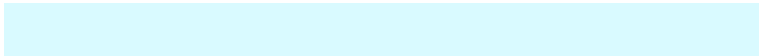
73.1149, 0.3773, 0.3877

Sweetspot

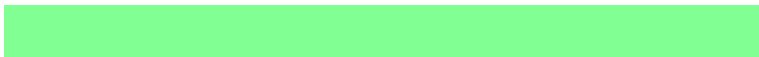
The Sweet Spot groups the original color and five complimentary colors.



73.1175, 0.2444, 0.3090



90.1803, 0.2897, 0.3236



78.3614, 0.2979, 0.4650



19.0322, 0.2865, 0.3228



0.0000, 0.0000, 0.0000



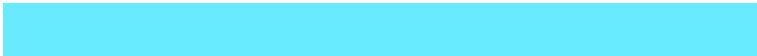
21.4041, 0.3127, 0.3290

Same Dimension

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



73.1175, 0.2444, 0.3090



69.3530, 0.2343, 0.3043



42.9495, 0.2294, 0.2305



20.0354, 0.2980, 0.3257



30.7728, 0.2126, 0.2853



3.1076, 0.2141, 0.2907

Inverse Universe

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



43.3972, 0.3334, 0.2238



37.2437, 0.3387, 0.2062



68.5534, 0.4068, 0.4095



18.2554, 0.3159, 0.3087



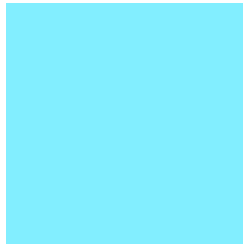
13.8345, 0.3586, 0.1749



1.3583, 0.3537, 0.1722

Previews

White Background



This preview shows how the Yxy color 73.1149, 0.2444, 0.3090 looks on a white background.

Color Contrast Check

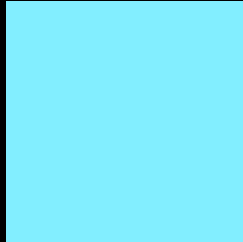
Large Text (above 18pt) WCAG AA × Fail

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 73.1149, 0.2444, 0.3090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

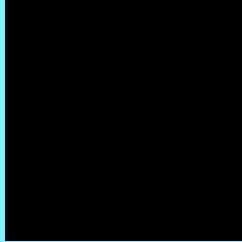
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.1149, 0.2444, 0.3090

Background



This preview shows how black text looks on a background with the Yxy color 73.1149, 0.2444, 0.3090.

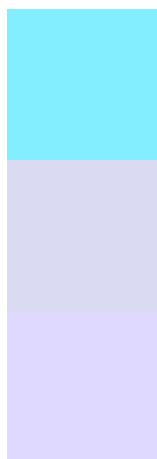


This preview shows how white text looks on a background with the Yxy color 73.1149, 0.2444, 0.3090.

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

73.1149, 0.2444, 0.3090

Protanopia

72.0395, 0.2966, 0.3034

Deuteranopia

72.0197, 0.2925, 0.2884



Tritanopia

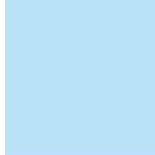
73.1916, 0.2475, 0.3080

Trichromacy



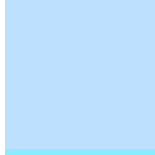
Original Color

73.1149, 0.2444, 0.3090



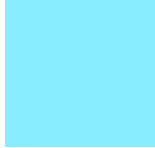
Protanomaly

71.5472, 0.2743, 0.3055



Deuteranomaly

71.3501, 0.2715, 0.2949



Tritanomaly

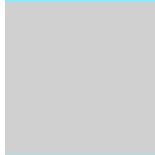
72.9393, 0.2462, 0.3079

Monochromacy



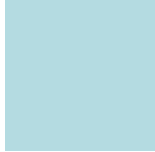
Original Color

73.1149, 0.2444, 0.3090



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

65.8026, 0.2825, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1149, 0.2444, 0.3090 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(130, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(130, 238, 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(130, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 238, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.1149, 0.2444, 0.3090 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(130, 238, 255) }
```

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

```
.border{ border-color:rgb(130, 238, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 238, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(130, 238,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1149, 0.2444, 0.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 238, 255) }
```

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

```
.background{ background-color: rgb(130,  
238, 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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