

Converting Colors

$Yxy(73.0980, 0.2477, 0.3151)$

Have a look what the booklet for
Yxy(73.0980, 0.2477, 0.3151)
contains.

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Color

Yxy(73.0377, 0.2478, 0.3148)

Conversions

Conversions Part 1

Format	Color
Hex	85EEFA
RGB	133, 238, 250
RGB Percent	52%, 93%, 98%
CMY	0.4786, 0.0666, 0.0197
CMYK	0.47, 0.05, 0.00, 0.02
HSL	186°, 92%, 75%
HSV	186°, 47%, 98%
XYZ	57.4928, 73.0377, 101.4825
YIQ	207.9730, -66.4320, -18.5280

Conversions

Conversions Part 2

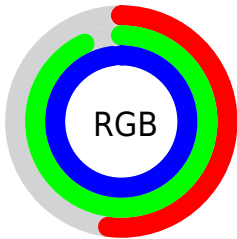
Format	Color
R_{YB}	133, 188, 250
Decimal	8777466
CIE _{Lab}	88.47, -27.42, -15.25
CIE _{LCh}	88, 31.379, 209.075
Yxy	73.0377, 0.2478, 0.3148
Android (android.graphics.Color)	4286967546 (0xFF85EEFA)
YUV	207.9730, 20.7193, -65.7513
Hunter-Lab	85.4621, -29.4766, -10.5808

Details

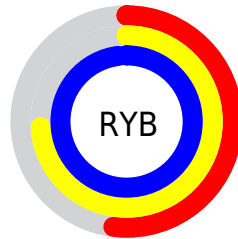
The Yxy color **73.0377, 0.2478, 0.3148** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **42.2339, 0.4353, 0.3420**, and the grayscale version is **62.9476, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9465, 0.2762, 0.3289**, and **38.7287, 0.2334, 0.3102** is the 20% darker color. If you saturate the color by 10%, you get **69.7665, 0.2377, 0.3113**, and if you desaturate by 10%, it is **76.8196, 0.2596, 0.3182**.

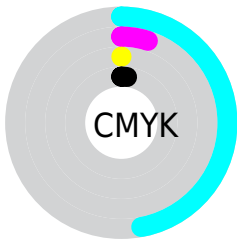
Distribution



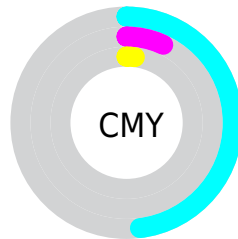
- Red (52%)
- Green (93%)
- Blue (98%)



- Red (52%)
- Yellow (74%)
- Blue (98%)



- Cyan (47%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)




- Cyan (48%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.0377, 0.2478, 0.3148 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 73.0377, 0.2478, 0.3148 by changing the saturation by 10% instead.


 73.0377, 0.2478,
0.3148


 73.0377, 0.2478,
0.3148


471.1455, 0.2771,
0.3221


 54.0068, 0.2413,
0.3130


 123.5307, 0.2578,
0.3175

 38.6071, 0.2334,
0.3106


 155.7616, 0.2617,
0.3185

 26.4542, 0.2236,
0.3075


 193.1613, 0.2651,
0.3193

 17.1637, 0.2111,
0.3033

236.1142, 0.2681,
0.3200

 10.3513, 0.1946,
0.2972

285.0047, 0.2708,
0.3207

 5.6325, 0.1721,
0.2878

340.2171, 0.2731,

 2.6229, 0.1402,

0.3212

0.2720

402.1359, 0.2752,
0.3217

■ 0.9382, 0.0592,
0.2510

■ 0.0000, 0.0000,
0.0000

■ 73.0377, 0.2478,
0.3148

■ 73.0377, 0.2478,
0.3148

■ 69.7665, 0.2377,
0.3113

■ 76.8196, 0.2596,
0.3182

■ 66.9626, 0.2294,
0.3077

■ 81.1353, 0.2728,
0.3214

■ 64.5891, 0.2231,
0.3041

■ 86.0165, 0.2870,
0.3244

■ 62.5995, 0.2188,
0.3006

■ 91.4900, 0.3021,
0.3272

■ 60.9350, 0.2162,
0.2971

■ 97.0188, 0.3159,
0.3298

■ 60.4436, 0.2156,
0.2960

■ 98.6232, 0.3157,
0.3322

■ 99.6801, 0.3156,
0.3338

Harmonies

Analogous

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



73.0377, 0.2690, 0.3515



73.0377, 0.2478, 0.3148



73.0377, 0.2430, 0.2853

Triad

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



73.0377, 0.2478, 0.3148



73.0377, 0.3196, 0.2825



73.0377, 0.3715, 0.3896

Complementary

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



73.0377, 0.2478, 0.3148



42.2339, 0.4353, 0.3420

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.



73.0377, 0.3874, 0.3668



73.0377, 0.2478, 0.3148



73.0377, 0.3567, 0.3066

Square

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



73.0377, 0.2478, 0.3148



73.0377, 0.2826, 0.2691



73.0377, 0.3821, 0.3367



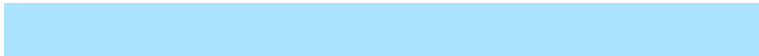
73.0377, 0.3401, 0.3967

Rectangle

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



73.0377, 0.2478, 0.3148



73.0377, 0.2494, 0.2731



73.0377, 0.3821, 0.3367



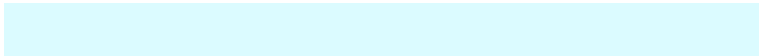
73.0377, 0.3790, 0.3833

Sweetspot

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



73.0405, 0.2478, 0.3148



91.5417, 0.2912, 0.3252



75.3682, 0.3003, 0.4626



19.3385, 0.2880, 0.3246



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.



73.0405, 0.2478, 0.3148



73.2406, 0.2384, 0.3116



44.4294, 0.2343, 0.2410



19.2877, 0.2980, 0.3265



32.1944, 0.2157, 0.2965



3.0665, 0.2169, 0.3007

Inverse Universe

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



43.2552, 0.3286, 0.2248



39.2083, 0.3324, 0.2074



64.7996, 0.4037, 0.4023



17.4922, 0.3154, 0.3080



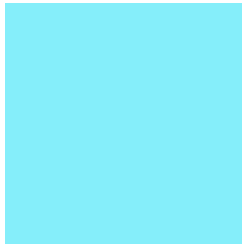
13.6610, 0.3485, 0.1693



1.2738, 0.3448, 0.1673

Previews

White Background



This preview shows how the Yxy color 73.0377, 0.2478, 0.3148 looks on a white background.

Color Contrast Check

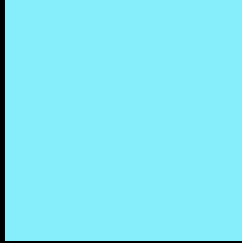
Large Text (above 18pt) WCAG AA × Fail

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 73.0377, 0.2478, 0.3148 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 73.0377, 0.2478, 0.3148

Background



This preview shows how black text looks on a background with the Yxy color 73.0377, 0.2478, 0.3148.

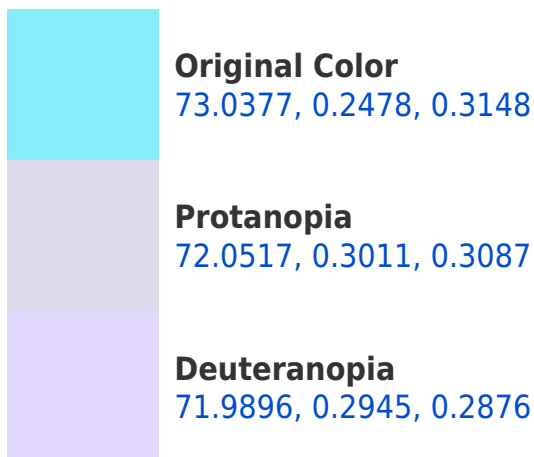


This preview shows how white text looks on a background with the Yxy color 73.0377, 0.2478, 0.3148.

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

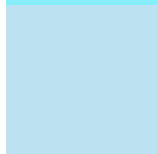
72.6999, 0.2477, 0.3068

Trichromacy



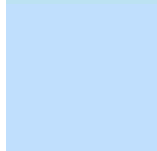
Original Color

73.0377, 0.2478, 0.3148



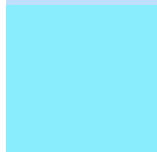
Protanomaly

71.4949, 0.2782, 0.3110



Deuteranomaly

71.0737, 0.2743, 0.2960



Tritanomaly

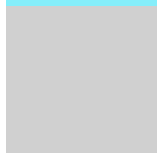
72.9786, 0.2480, 0.3102

Monochromacy



Original Color

73.0377, 0.2478, 0.3148



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

65.8145, 0.2843, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0377, 0.2478, 0.3148 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(133, 238, 250)` looks like.

```
.text, #text, p{  
    color:rgb(133, 238, 250)  
}
```

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(133, 238, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 238, 250) }
```

Border

The CSS property to change the border of an element to Yxy 73.0377, 0.2478, 0.3148 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(133, 238, 250) }
```

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

```
.border{ border-color:rgb(133, 238, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 238, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 238, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 238, 250);  
box-shadow:4px 4px 4px 4px rgb(133, 238,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0377, 0.2478, 0.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 238, 250) }
```

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

```
.background{ background-color: rgb(133,  
238, 250) }
```

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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