

Converting Colors

$Yxy(73.4923, 0.2571, 0.3153)$

Have a look what the booklet for
Yxy(73.4923, 0.2571, 0.3153)
contains.

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Color

Yxy(73.4436, 0.2569, 0.3150)

Conversions

Conversions Part 1

Format	Color
Hex	98ECF8
RGB	152, 236, 248
RGB Percent	60%, 93%, 97%
CMY	0.4036, 0.0745, 0.0275
CMYK	0.39, 0.05, 0.00, 0.03
HSL	188°, 87%, 78%
HSV	188°, 39%, 97%
XYZ	59.8973, 73.4436, 99.8133
YIQ	212.2520, -53.9160, -14.0760

Conversions

Conversions Part 2

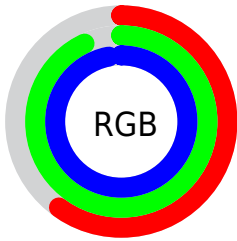
Format	Color
RYB	152, 197, 248
Decimal	10022136
CIELab	88.66, -22.44, -13.84
CIElCh	89, 26.366, 211.659
Yxy	73.4436, 0.2569, 0.3150
Android (android.graphics.Color)	4288212216 (0xFF98ECF8)
YUV	212.2520, 17.6238, -52.8410
Hunter-Lab	85.6992, -25.2156, -9.0652

Details

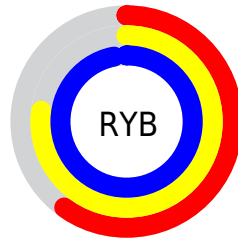
The Yxy color **73.4436, 0.2569, 0.3150** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **48.8042, 0.4044, 0.3422**, and the grayscale version is **65.9354, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4416, 0.2860, 0.3289**, and **38.8812, 0.2441, 0.3106** is the 20% darker color. If you saturate the color by 10%, you get **69.5263, 0.2452, 0.3108**, and if you desaturate by 10%, it is **77.8979, 0.2700, 0.3190**.

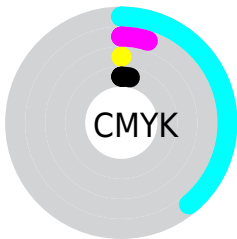
Distribution



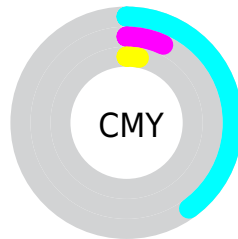
- Red (60%)
- Green (93%)
- Blue (97%)



- Red (60%)
- Yellow (77%)
- Blue (97%)



- Cyan (39%)
- Magenta (5%)
- Yellow (0%)
- Black (3%)





- Cyan (40%)
- Magenta (7%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4436, 0.2569, 0.3150 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 73.4436, 0.2569, 0.3150 by changing the saturation by 10% instead.


 73.4436, 0.2569,
0.3150

 73.4436, 0.2569,
0.3150

472.5508, 0.2822,
0.3220

 54.3388, 0.2513,
0.3133


 124.1068, 0.2655,
0.3175

 38.8726, 0.2444,
0.3111


 156.4339, 0.2689,
0.3185

 26.6606, 0.2358,
0.3082


193.9372, 0.2719,
0.3193

 17.3185, 0.2249,
0.3044

237.0011, 0.2745,
0.3200

 10.4618, 0.2104,
0.2988

286.0101, 0.2767,
0.3206

 5.7062, 0.1903,
0.2904

341.3484, 0.2787,

 2.6673, 0.1612,

0.3211

0.2765

403.4005, 0.2805,
0.3216

0.9606, 0.0966,
0.2555

0.0000, 0.0000,
0.0000

73.4436, 0.2569,
0.3150

73.4436, 0.2569,
0.3150

69.5263, 0.2452,
0.3108

77.8979, 0.2700,
0.3190

66.1059, 0.2351,
0.3065

82.9095, 0.2843,
0.3228

63.1502, 0.2269,
0.3020

88.5080, 0.2993,
0.3262

60.6190, 0.2207,
0.2976

94.7181, 0.3148,
0.3294

■ 58.4652, 0.2163,
0.2932

■ 97.3435, 0.3170,
0.3324

■ 56.6205, 0.2137,
0.2888

■ 99.3025, 0.3168,
0.3353

■ 56.3865, 0.2134,
0.2883

■ 99.5564, 0.3168,
0.3357

Harmonies

Analogous

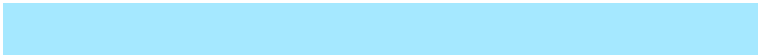
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.4436, 0.2740, 0.3453



73.4436, 0.2569, 0.3150



73.4436, 0.2540, 0.2908

Triad

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



73.4436, 0.2569, 0.3150



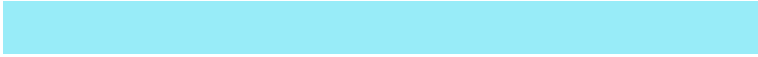
73.4436, 0.3215, 0.2910



73.4436, 0.3604, 0.3811

Complementary

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



73.4436, 0.2569, 0.3150



48.8042, 0.4044, 0.3422

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.



73.4436, 0.3749, 0.3633



73.4436, 0.2569, 0.3150



73.4436, 0.3520, 0.3123

Square

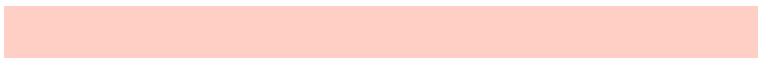
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4436, 0.2569, 0.3150



73.4436, 0.2900, 0.2787



73.4436, 0.3719, 0.3382



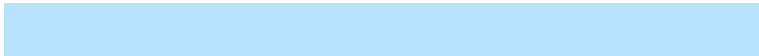
73.4436, 0.3334, 0.3851

Rectangle

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



73.4436, 0.2569, 0.3150



73.4436, 0.2603, 0.2810



73.4436, 0.3719, 0.3382



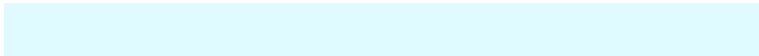
73.4436, 0.3670, 0.3764

Sweetspot

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



73.4465, 0.2569, 0.3150



92.2336, 0.2942, 0.3251



76.4643, 0.3014, 0.4336



19.5730, 0.2922, 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.



73.4465, 0.2569, 0.3150



75.1117, 0.2481, 0.3119



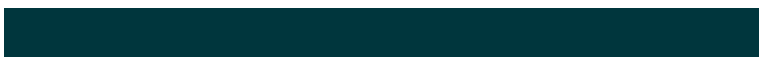
49.7906, 0.2481, 0.2570



19.2162, 0.2980, 0.3260



30.6070, 0.2136, 0.2890



2.9353, 0.2151, 0.2942

Inverse Universe

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



48.4946, 0.3273, 0.2439



45.6618, 0.3307, 0.2286



68.9242, 0.3845, 0.3913



17.4850, 0.3157, 0.3085



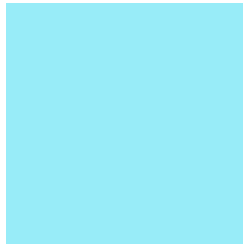
13.5007, 0.3553, 0.1731



1.2606, 0.3506, 0.1705

Previews

White Background



This preview shows how the Yxy color 73.4436, 0.2569, 0.3150 looks on a white background.

Color Contrast Check

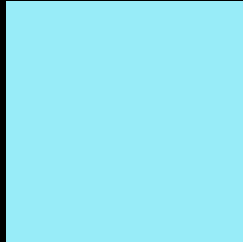
Large Text (above 18pt) WCAG AA × Fail

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 73.4436, 0.2569, 0.3150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

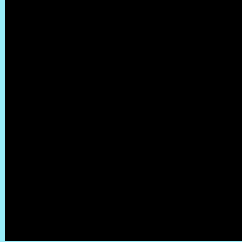
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.4436, 0.2569, 0.3150

Background



This preview shows how black text looks on a background with the Yxy color 73.4436, 0.2569, 0.3150.

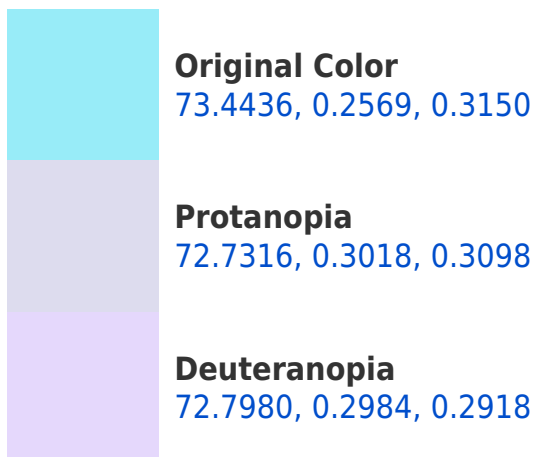


This preview shows how white text looks on a background with the Yxy color 73.4436, 0.2569, 0.3150.

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

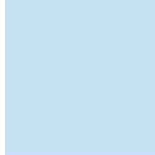
73.4424, 0.2548, 0.3072

Trichromacy



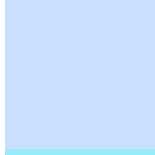
Original Color

73.4436, 0.2569, 0.3150



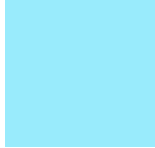
Protanomaly

72.5393, 0.2831, 0.3113



Deuteranomaly

72.1579, 0.2809, 0.2986



Tritanomaly

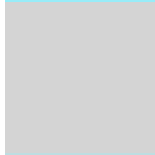
73.2172, 0.2553, 0.3094

Monochromacy



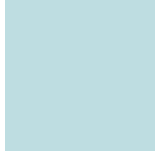
Original Color

73.4436, 0.2569, 0.3150



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

68.0963, 0.2890, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4436, 0.2569, 0.3150 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(152, 236, 248)` looks like.

```
.text, #text, p{  
    color:rgb(152, 236, 248)  
}
```

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(152, 236, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 236, 248) }
```

Border

The CSS property to change the border of an element to Yxy 73.4436, 0.2569, 0.3150 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(152, 236, 248) }
```

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

```
.border{ border-color:rgb(152, 236, 248) }
```

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

Here you see how a box with a 4 pixel rgb(152, 236, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 236, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 236, 248);  
box-shadow:4px 4px 4px 4px rgb(152, 236,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4436, 0.2569, 0.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 236, 248) }
```

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

```
.background{ background-color: rgb(152,  
236, 248) }
```

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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