

Converting Colors

$Yxy(73.3288, 0.2538, 0.3059)$

Have a look what the booklet for
Yxy(73.3288, 0.2538, 0.3059)
contains.

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Color

Yxy(73.4090, 0.2539, 0.3060)

Conversions

Conversions Part 1

Format	Color
Hex	99EBFF
RGB	153, 235, 255
RGB Percent	60%, 92%, 100%
CMY	0.3996, 0.0785, 0.0000
CMYK	0.40, 0.08, 0.00, 0.00
HSL	192°, 100%, 80%
HSV	192°, 40%, 100%
XYZ	60.9103, 73.4090, 105.5794
YIQ	212.7620, -55.2920, -11.1640

Conversions

Conversions Part 2

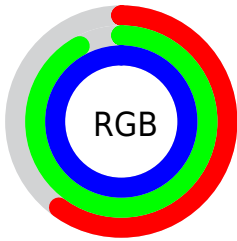
Format	Color
R_{YB}	153, 198, 255
Decimal	10087423
CIE _{Lab}	88.64, -19.97, -17.54
CIE _{LCh}	89, 26.577, 221.293
Yxy	73.4090, 0.2539, 0.3060
Android (android.graphics.Color)	4288277503 (0xFF99EBFF)
YUV	212.7620, 20.8233, -52.4113
Hunter-Lab	85.6791, -23.0405, -13.0857

Details

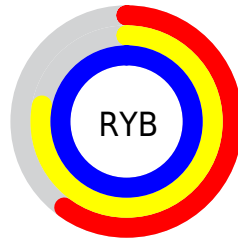
The Yxy color **73.4090, 0.2539, 0.3060** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **53.4931, 0.4058, 0.3503**, and the grayscale version is **66.2728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5889, 0.2866, 0.3289**, and **38.8042, 0.2410, 0.3003** is the 20% darker color. If you saturate the color by 10%, you get **68.3596, 0.2416, 0.2993**, and if you desaturate by 10%, it is **79.0729, 0.2675, 0.3124**.

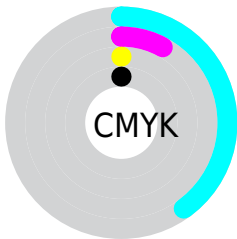
Distribution



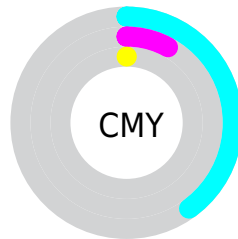
- Red (60%)
- Green (92%)
- Blue (100%)



- Red (60%)
- Yellow (78%)
- Blue (100%)



- Cyan (40%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)





- Cyan (40%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4090, 0.2539, 0.3060 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 73.4090, 0.2539, 0.3060 by changing the saturation by 10% instead.


 73.4090, 0.2539,
0.3060


 73.4090, 0.2539,
0.3060


472.4311, 0.2804,
0.3172

 54.3105, 0.2480,
0.3033


 124.0577, 0.2630,
0.3100

 38.8499, 0.2408,
0.3000


 156.3766, 0.2665,
0.3115

 26.6430, 0.2319,
0.2957


193.8711, 0.2696,
0.3128

 17.3053, 0.2205,
0.2900

236.9256, 0.2723,
0.3139

 10.4524, 0.2055,
0.2820

285.9244, 0.2747,
0.3149

 5.6999, 0.1849,
0.2703

341.2520, 0.2768,

 2.6635, 0.1554,

0.3157

0.2516

403.2928, 0.2787,
0.3165

■ 0.9587, 0.0976,
0.2217

■ 0.0000, 0.0000,
0.0000

■ 73.4090, 0.2539,
0.3060

■ 73.4090, 0.2539,
0.3060

■ 68.3596, 0.2416,
0.2993

■ 79.0729, 0.2675,
0.3124

■ 63.8848, 0.2308,
0.2922

■ 85.3778, 0.2821,
0.3184

■ 59.9475, 0.2219,
0.2850

■ 92.3547, 0.2973,
0.3240

■ 56.5037, 0.2149,
0.2778

100.0000, 0.3127,
0.3290

■ 53.5006, 0.2099,
0.2706

■ 50.8533, 0.2065,
0.2634

■ 50.8434, 0.2065,
0.2634

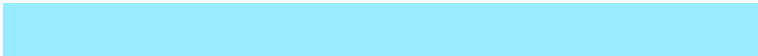
Harmonies

Analogous

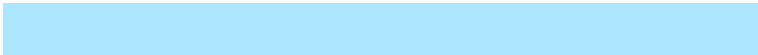
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.4090, 0.2667, 0.3355



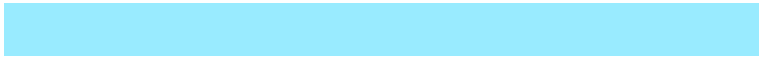
73.4090, 0.2539, 0.3060



73.4090, 0.2558, 0.2850

Triad

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



73.4090, 0.2539, 0.3060



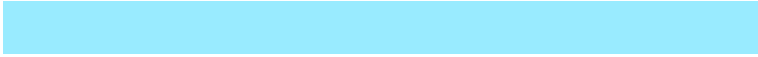
73.4090, 0.3320, 0.2968



73.4090, 0.3531, 0.3846

Complementary

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



73.4090, 0.2539, 0.3060



53.4931, 0.4058, 0.3503

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.



73.4090, 0.3725, 0.3705



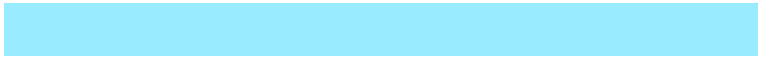
73.4090, 0.2539, 0.3060



73.4090, 0.3603, 0.3203

Square

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



73.4090, 0.2539, 0.3060



73.4090, 0.2996, 0.2811



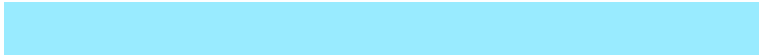
73.4090, 0.3754, 0.3468



73.4090, 0.3234, 0.3832

Rectangle

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



73.4090, 0.2539, 0.3060



73.4090, 0.2652, 0.2779



73.4090, 0.3754, 0.3468



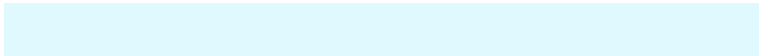
73.4090, 0.3611, 0.3814

Sweetspot

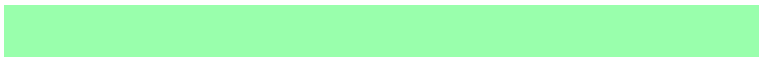
The Sweet Spot groups the original color and five complimentary colors.



73.4108, 0.2539, 0.3060



90.8766, 0.2941, 0.3229



81.2720, 0.2977, 0.4294



19.2518, 0.2921, 0.3222



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.



73.4108, 0.2539, 0.3060



69.3039, 0.2439, 0.3006



48.8536, 0.2444, 0.2455



19.8395, 0.2980, 0.3242



26.7811, 0.2068, 0.2646



2.7551, 0.2091, 0.2728

Inverse Universe

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



50.0720, 0.3342, 0.2474



43.6930, 0.3398, 0.2320



76.1949, 0.3848, 0.3999



18.2356, 0.3168, 0.3101



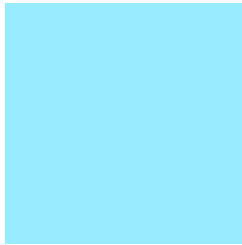
13.4315, 0.3780, 0.1856



1.3227, 0.3702, 0.1813

Previews

White Background



This preview shows how the Yxy color 73.4090, 0.2539, 0.3060 looks on a white background.

Color Contrast Check

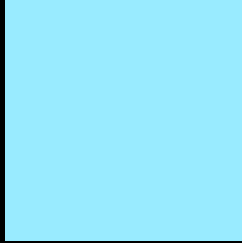
Large Text (above 18pt) WCAG AA × Fail

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 73.4090, 0.2539, 0.3060 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 73.4090, 0.2539, 0.3060

Background



This preview shows how black text looks on a background with the Yxy color 73.4090, 0.2539, 0.3060.

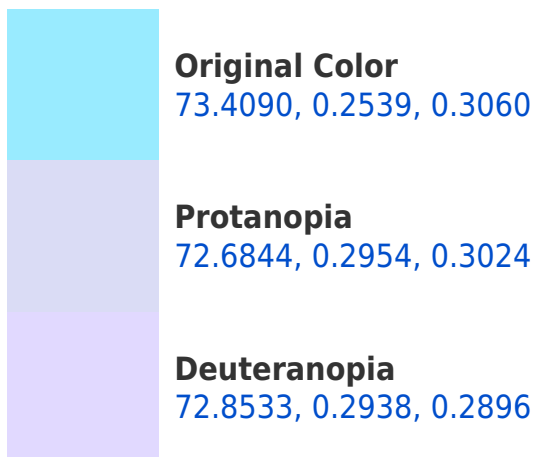


This preview shows how white text looks on a background with the Yxy color 73.4090, 0.2539, 0.3060.

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

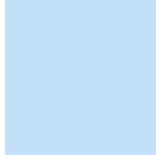
73.3447, 0.2543, 0.3071

Trichromacy



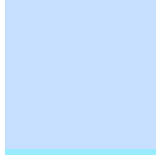
Original Color

73.4090, 0.2539, 0.3060



Protanomaly

72.1593, 0.2779, 0.3026



Deuteranomaly

72.6734, 0.2775, 0.2955



Tritanomaly

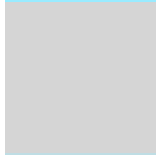
73.3447, 0.2543, 0.3071

Monochromacy



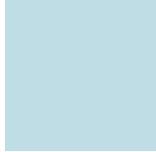
Original Color

73.4090, 0.2539, 0.3060



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

68.3907, 0.2879, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4090, 0.2539, 0.3060 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(153, 235, 255)` looks like.

```
.text, #text, p{  
    color:rgb(153, 235, 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(153, 235, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 235, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.4090, 0.2539, 0.3060 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(153, 235, 255) }
```

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

```
.border{ border-color:rgb(153, 235, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 235, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 235, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 235, 255);  
box-shadow:4px 4px 4px 4px rgb(153, 235,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4090, 0.2539, 0.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 235, 255) }
```

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

```
.background{ background-color: rgb(153,  
235, 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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