

Converting Colors

$Yxy(73.2201, 0.2535, 0.3058)$

Have a look what the booklet for
Yxy(73.2201, 0.2535, 0.3058)
contains.

Yxy(73.3121, 0.2534, 0.3060)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(73.3121, 0.2534, 0.3060)

Conversions

Conversions Part 1

Format	Color
Hex	98EBFF
RGB	152, 235, 255
RGB Percent	60%, 92%, 100%
CMY	0.4038, 0.0784, 0.0000
CMYK	0.40, 0.08, 0.00, 0.00
HSL	192°, 100%, 80%
HSV	192°, 40%, 100%
XYZ	60.7101, 73.3121, 105.5598
YIQ	212.4630, -55.8880, -11.3760

Conversions

Conversions Part 2

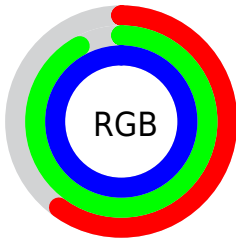
Format	Color
R_{YB}	152, 198, 255
Decimal	10021887
CIE _{Lab}	88.60, -20.24, -17.61
CIE _{LCh}	89, 26.828, 221.014
Yxy	73.3121, 0.2534, 0.3060
Android (android.graphics.Color)	4288211967 (0xFF98EBFF)
YUV	212.4630, 20.9707, -53.0261
Hunter-Lab	85.6225, -23.2750, -13.1600

Details

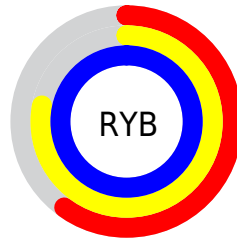
The Yxy color **73.3121, 0.2534, 0.3060** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **53.0415, 0.4073, 0.3503**, and the grayscale version is **66.0527, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4416, 0.2860, 0.3289**, and **38.7503, 0.2405, 0.3003** is the 20% darker color. If you saturate the color by 10%, you get **68.3161, 0.2411, 0.2993**, and if you desaturate by 10%, it is **78.9213, 0.2670, 0.3124**.

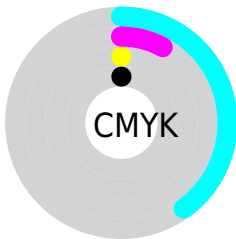
Distribution



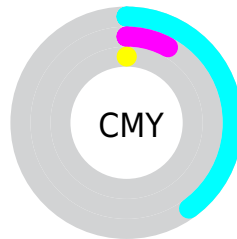
- Red (60%)
- Green (92%)
- Blue (100%)



- 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 73.3121, 0.2534, 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 73.3121, 0.2534, 0.3060 by changing the saturation by 10% instead.

 73.3121, 0.2534,
0.3060


 73.3121, 0.2534,
0.3060


472.0958, 0.2802,
0.3172

 54.2312, 0.2475,
0.3033


 123.9202, 0.2625,
0.3100

 38.7865, 0.2402,
0.3000


 156.2161, 0.2661,
0.3115

 26.5937, 0.2312,
0.2957


193.6859, 0.2693,
0.3128

 17.2683, 0.2197,
0.2899

236.7139, 0.2720,
0.3139

 10.4260, 0.2046,
0.2819

285.6845, 0.2744,
0.3149

 5.6823, 0.1839,
0.2701

340.9821, 0.2765,

 2.6529, 0.1542,

0.3157

0.2513

402.9910, 0.2785,
0.3165

0.9533, 0.0953,
0.2214

0.0000, 0.0000,
0.0000

73.3121, 0.2534,
0.3060

73.3121, 0.2534,
0.3060

68.3161, 0.2411,
0.2993

78.9213, 0.2670,
0.3124

63.8904, 0.2305,
0.2923

85.1675, 0.2815,
0.3183

59.9988, 0.2216,
0.2852

92.0827, 0.2966,
0.3238

56.5970, 0.2148,
0.2781

99.6944, 0.3121,
0.3288

■ 53.6318, 0.2099,
0.2709

100.0000, 0.3127,
0.3290

■ 51.1107, 0.2067,
0.2642

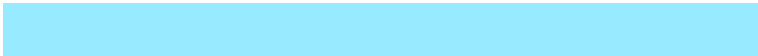
Harmonies

Analogous

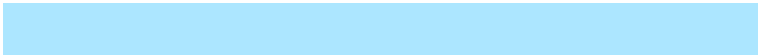
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.3121, 0.2665, 0.3358



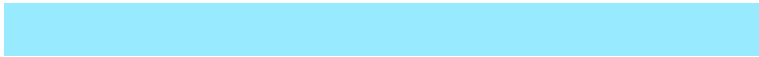
73.3121, 0.2534, 0.3060



73.3121, 0.2552, 0.2847

Triad

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



73.3121, 0.2534, 0.3060



73.3121, 0.3319, 0.2963



73.3121, 0.3537, 0.3851

Complementary

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



73.3121, 0.2534, 0.3060



53.0415, 0.4073, 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.



73.3121, 0.3732, 0.3707



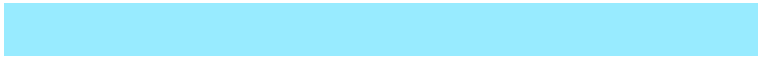
73.3121, 0.2534, 0.3060



73.3121, 0.3606, 0.3199

Square

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



73.3121, 0.2534, 0.3060



73.3121, 0.2991, 0.2806



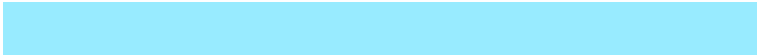
73.3121, 0.3759, 0.3467



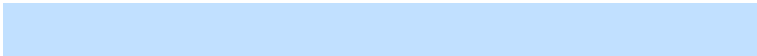
73.3121, 0.3237, 0.3838

Rectangle

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



73.3121, 0.2534, 0.3060



73.3121, 0.2646, 0.2775



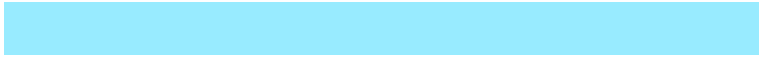
73.3121, 0.3759, 0.3467



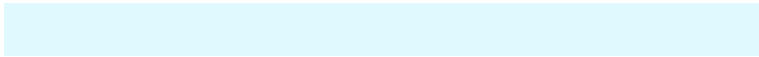
73.3121, 0.3618, 0.3818

Sweetspot

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



73.3148, 0.2534, 0.3060



90.9180, 0.2941, 0.3230



81.1342, 0.2976, 0.4307



19.2616, 0.2922, 0.3223



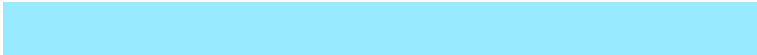
0.0000, 0.0000, 0.0000



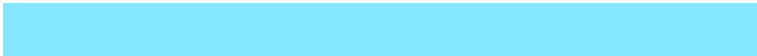
21.4041, 0.3127, 0.3290

Same Dimension

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



73.3148, 0.2534, 0.3060



69.4538, 0.2439, 0.3009



48.4422, 0.2437, 0.2445



19.8465, 0.2980, 0.3243



26.9191, 0.2071, 0.2654



2.7673, 0.2093, 0.2734

Inverse Universe

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



49.7224, 0.3343, 0.2464



43.7082, 0.3396, 0.2318



75.9782, 0.3857, 0.4006



18.2363, 0.3168, 0.3101



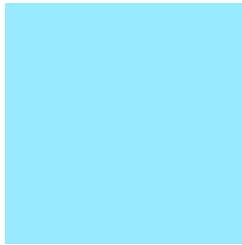
13.4455, 0.3772, 0.1852



1.3239, 0.3696, 0.1810

Previews

White Background



This preview shows how the Yxy color 73.3121, 0.2534, 0.3060 looks on a white background.

Color Contrast Check

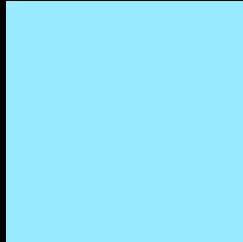
Large Text (above 18pt) WCAG AA × Fail

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 73.3121, 0.2534, 0.3060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

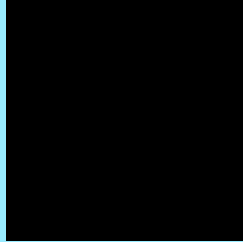
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.3121, 0.2534, 0.3060

Background



This preview shows how black text looks on a background with the Yxy color 73.3121, 0.2534, 0.3060.

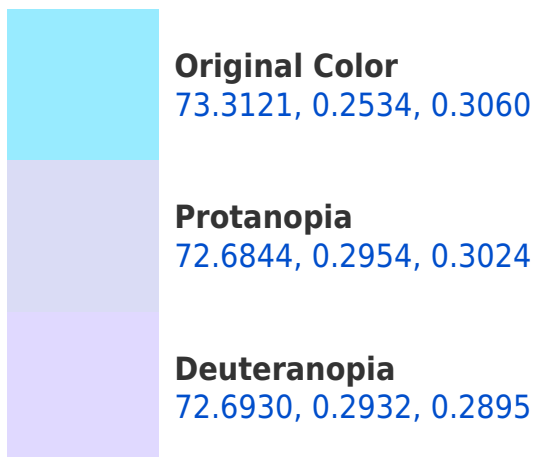


This preview shows how white text looks on a background with the Yxy color 73.3121, 0.2534, 0.3060.

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

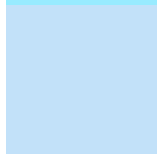
73.2478, 0.2539, 0.3071

Trichromacy



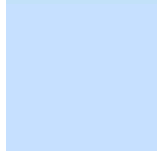
Original Color

73.3121, 0.2534, 0.3060



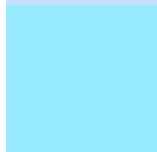
Protanomaly

72.1593, 0.2779, 0.3026



Deuteranomaly

72.5371, 0.2769, 0.2954



Tritanomaly

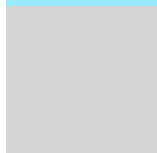
73.2478, 0.2539, 0.3071

Monochromacy



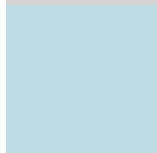
Original Color

73.3121, 0.2534, 0.3060



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

67.7350, 0.2872, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3121, 0.2534, 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(152, 235, 255)` looks like.

```
.text, #text, p{  
    color:rgb(152, 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(152, 235, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 235, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.3121, 0.2534, 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(152, 235, 255) }
```

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

```
.border{ border-color:rgb(152, 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(152, 235, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 235, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 235, 255);  
box-shadow:4px 4px 4px 4px rgb(152, 235,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3121, 0.2534, 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(152, 235, 255) }
```

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

```
.background{ background-color: rgb(152,  
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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