

Converting Colors

Yxy(73.9306, 0.2626, 0.3166)

Have a look what the booklet for
Yxy(73.9306, 0.2626, 0.3166)
contains.

Yxy(73.7519, 0.2626, 0.3163)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.7519, 0.2626, 0.3163)

Conversions

Conversions Part 1

Format	Color
Hex	A2EBF6
RGB	162, 235, 246
RGB Percent	64%, 92%, 96%
CMY	0.3650, 0.0784, 0.0353
CMYK	0.34, 0.04, 0.00, 0.04
HSL	188°, 82%, 80%
HSV	188°, 34%, 96%
XYZ	61.2306, 73.7519, 98.1882
YIQ	214.4270, -47.0390, -12.0550

Conversions

Conversions Part 2

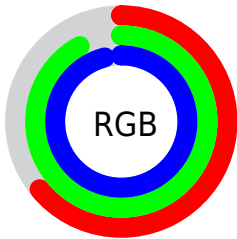
Format	Color
R _{YB}	162, 201, 246
Decimal	10677238
CIE Lab	88.81, -19.92, -12.53
CIE LCh	89, 23.527, 212.169
Yxy	73.7519, 0.2626, 0.3163
Android (android.graphics.Color)	4288867318 (0xFFA2EBF6)
YUV	214.4270, 15.5655, -45.9785
Hunter-Lab	85.8789, -23.0198, -7.6730

Details

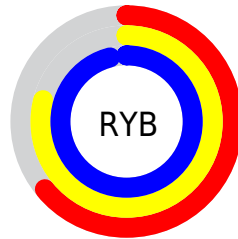
The Yxy color **73.7519, 0.2626, 0.3163** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **52.0464, 0.3897, 0.3412**, and the grayscale version is **67.4562, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8001, 0.2911, 0.3289**, and **39.0221, 0.2509, 0.3122** is the 20% darker color. If you saturate the color by 10%, you get **69.6050, 0.2502, 0.3120**, and if you desaturate by 10%, it is **78.4416, 0.2763, 0.3204**.

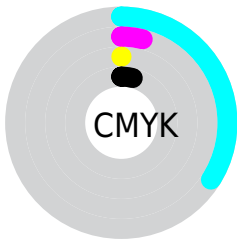
Distribution



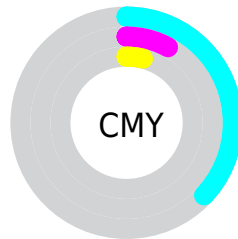
- Red (64%)
- Green (92%)
- Blue (96%)



- Red (64%)
- Yellow (79%)
- Blue (96%)



- Cyan (34%)
- Magenta (4%)
- Yellow (0%)
- Black (4%)





- Cyan (37%)
- Magenta (8%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.7519, 0.2626, 0.3163 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 73.7519, 0.2626, 0.3163 by changing the saturation by 10% instead.


 73.7519, 0.2626,
0.3163

 73.7519, 0.2626,
0.3163


473.6167, 0.2853,
0.3226

 54.5910, 0.2575,
0.3148

 124.5440, 0.2704,
0.3186

 39.0744, 0.2513,
0.3128


 156.9441, 0.2734,
0.3194

 26.8176, 0.2436,
0.3103


194.5260, 0.2761,
0.3202

 17.4363, 0.2336,
0.3068

237.6741, 0.2784,
0.3208

 10.5460, 0.2204,
0.3020

286.7728, 0.2804,
0.3213

 5.7625, 0.2020,
0.2946

342.2065, 0.2823,

 2.7012, 0.1750,

0.3218

0.2823

404.3597, 0.2839,
0.3222

0.9778, 0.1184,
0.2629

0.0000, 0.0000,
0.0000

73.7519, 0.2626,
0.3163

73.7519, 0.2626,
0.3163

69.6050, 0.2502,
0.3120

78.4416, 0.2763,
0.3204

65.9625, 0.2393,
0.3075

83.6925, 0.2909,
0.3242

62.7945, 0.2301,
0.3029

89.5331, 0.3062,
0.3276

60.0641, 0.2229,
0.2983

94.9629, 0.3184,
0.3308

■ 57.7286, 0.2177,
0.2937

■ 96.9526, 0.3182,
0.3339

■ 55.7359, 0.2143,
0.2891

■ 98.9764, 0.3180,
0.3369

■ 54.6879, 0.2129,
0.2864

■ 99.4332, 0.3179,
0.3376

Harmonies

Analogous

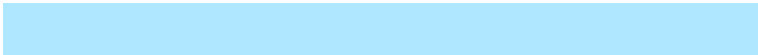
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.7519, 0.2778, 0.3431



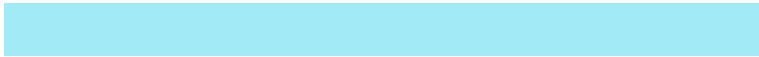
73.7519, 0.2626, 0.3163



73.7519, 0.2602, 0.2947

Triad

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



73.7519, 0.2626, 0.3163



73.7519, 0.3211, 0.2952



73.7519, 0.3550, 0.3757

Complementary

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



73.7519, 0.2626, 0.3163



52.0464, 0.3897, 0.3412

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.



73.7519, 0.3680, 0.3602



73.7519, 0.2626, 0.3163



73.7519, 0.3481, 0.3145

Square

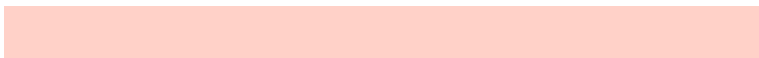
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7519, 0.2626, 0.3163



73.7519, 0.2930, 0.2840



73.7519, 0.3655, 0.3379



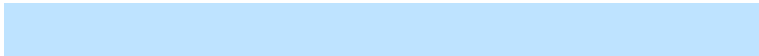
73.7519, 0.3308, 0.3787

Rectangle

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



73.7519, 0.2626, 0.3163



73.7519, 0.2660, 0.2859



73.7519, 0.3655, 0.3379



73.7519, 0.3609, 0.3717

Sweetspot

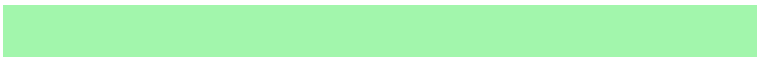
The Sweet Spot groups the original color and five complimentary colors.



73.7548, 0.2626, 0.3163



93.3752, 0.2972, 0.3256



76.5482, 0.3027, 0.4193



19.7982, 0.2951, 0.3251



0.0000, 0.0000, 0.0000



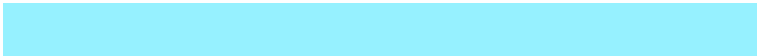
21.4041, 0.3127, 0.3290

Same Dimension

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



73.7548, 0.2626, 0.3163



76.8675, 0.2539, 0.3134



52.9789, 0.2561, 0.2668



18.3671, 0.2981, 0.3258



29.3409, 0.2131, 0.2872



2.6794, 0.2147, 0.2929

Inverse Universe

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



51.4062, 0.3257, 0.2540



49.5887, 0.3289, 0.2393



70.1725, 0.3748, 0.3840



16.7289, 0.3158, 0.3087



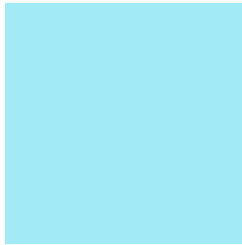
13.0614, 0.3569, 0.1740



1.1581, 0.3517, 0.1711

Previews

White Background



This preview shows how the Yxy color 73.7519, 0.2626, 0.3163 looks on a white background.

Color Contrast Check

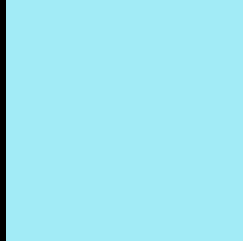
Large Text (above 18pt) WCAG AA × Fail

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 73.7519, 0.2626, 0.3163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

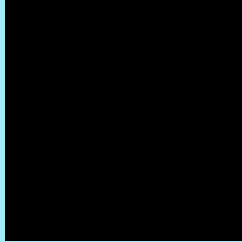
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.7519, 0.2626, 0.3163

Background



This preview shows how black text looks on a background with the Yxy color 73.7519, 0.2626, 0.3163.

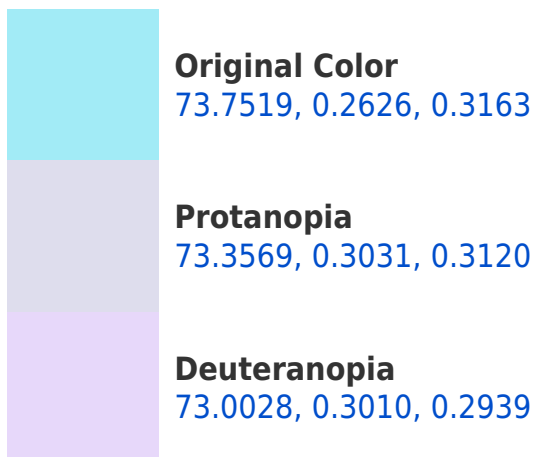


This preview shows how white text looks on a background with the Yxy color 73.7519, 0.2626, 0.3163.

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

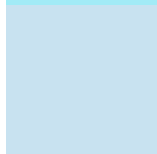
73.8300, 0.2601, 0.3074

Trichromacy



Original Color

73.7519, 0.2626, 0.3163



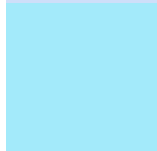
Protanomaly

72.9633, 0.2868, 0.3135



Deuteranomaly

72.7367, 0.2852, 0.3009



Tritanomaly

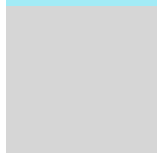
73.5343, 0.2610, 0.3107

Monochromacy



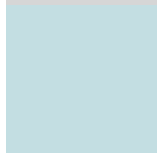
Original Color

73.7519, 0.2626, 0.3163



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

69.3356, 0.2917, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7519, 0.2626, 0.3163 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(162, 235, 246)` looks like.

```
.text, #text, p{  
    color:rgb(162, 235, 246)  
}
```

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(162, 235, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 235, 246) }
```

Border

The CSS property to change the border of an element to Yxy 73.7519, 0.2626, 0.3163 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(162, 235, 246) }
```

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

```
.border{ border-color:rgb(162, 235, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 235, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 235, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 235, 246);  
box-shadow:4px 4px 4px 4px rgb(162, 235,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7519, 0.2626, 0.3163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 235, 246) }
```

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

```
.background{ background-color: rgb(162,  
235, 246) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor