

Converting Colors

$Yxy(73.1825, 0.2662, 0.3009)$

Have a look what the booklet for
Yxy(73.1825, 0.2662, 0.3009)
contains.

Yxy(73.3973, 0.2665, 0.3012)	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(73.3973, 0.2665, 0.3012)

Conversions

Conversions Part 1

Format	Color
Hex	B3E6FF
RGB	179, 230, 255
RGB Percent	70%, 90%, 100%
CMY	0.2979, 0.0980, 0.0000
CMYK	0.30, 0.10, 0.00, 0.00
HSL	200°, 100%, 85%
HSV	200°, 30%, 100%
XYZ	64.9415, 73.3973, 105.3441
YIQ	217.6010, -38.4210, -3.0370

Conversions

Conversions Part 2

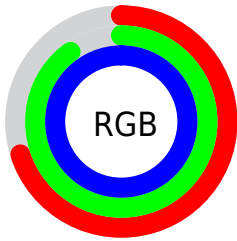
Format	Color
R _Y B	179, 210, 255
Decimal	11790079
CIE Lab	88.64, -10.64, -17.40
CIE LCh	89, 20.395, 238.563
Yxy	73.3973, 0.2665, 0.3012
Android (android.graphics.Color)	4289980159 (0xFFB3E6FF)
YUV	217.6010, 18.4377, -33.8531
Hunter-Lab	85.6722, -14.6193, -12.9335

Details

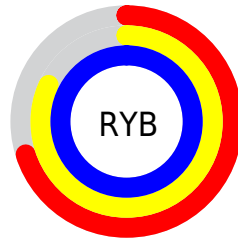
The Yxy color **73.3973, 0.2665, 0.3012** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.7142, 0.3722, 0.3551**, and the grayscale version is **69.7184, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **38.6344, 0.2560, 0.2941** is the 20% darker color. If you saturate the color by 10%, you get **66.0786, 0.2516, 0.2902**, and if you desaturate by 10%, it is **81.5084, 0.2819, 0.3114**.

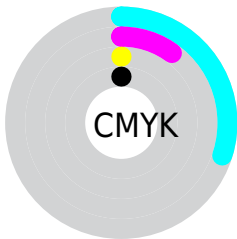
Distribution



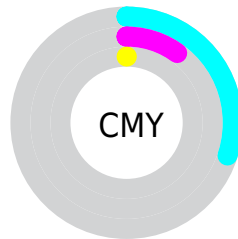
- Red (70%)
- Green (90%)
- Blue (100%)



- Red (70%)
- Yellow (82%)
- Blue (100%)



- Cyan (30%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)




- Cyan (30%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.3973, 0.2665, 0.3012 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 73.3973, 0.2665, 0.3012 by changing the saturation by 10% instead.


 73.3973, 0.2665,
0.3012

 73.3973, 0.2665,
0.3012

472.3906, 0.2875,
0.3143

 54.3009, 0.2618,
0.2982

 124.0411, 0.2737,
0.3058

 38.8423, 0.2561,
0.2944


156.3572, 0.2765,
0.3075

 26.6370, 0.2489,
0.2897

193.8487, 0.2790,
0.3091

 17.3008, 0.2397,
0.2834

236.9000, 0.2811,
0.3104

 10.4492, 0.2274,
0.2749

285.8954, 0.2830,
0.3115

 5.6978, 0.2104,
0.2626

341.2194, 0.2847,

 2.6622, 0.1854,

0.3126

0.2435

403.2564, 0.2861,
0.3135

0.9580, 0.1433,
0.2115

0.0000, 0.0000,
0.0000

73.3973, 0.2665,
0.3012

73.3973, 0.2665,
0.3012

66.0786, 0.2516,
0.2902

81.5084, 0.2819,
0.3114

59.5095, 0.2377,
0.2784

90.4349, 0.2975,
0.3207

53.6556, 0.2251,
0.2661

99.9995, 0.3127,
0.3290

48.4758, 0.2141,
0.2535

■ 43.9234, 0.2052,
0.2407

■ 39.9431, 0.1983,
0.2280

■ 36.4489, 0.1933,
0.2156

■ 36.3780, 0.1932,
0.2154

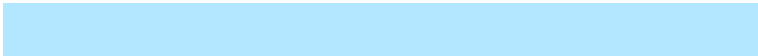
Harmonies

Analogous

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



73.3973, 0.2700, 0.3208



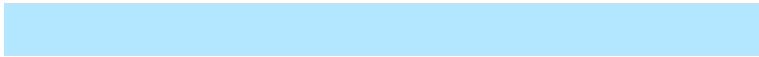
73.3973, 0.2665, 0.3012



73.3973, 0.2747, 0.2900

Triad

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



73.3973, 0.2665, 0.3012



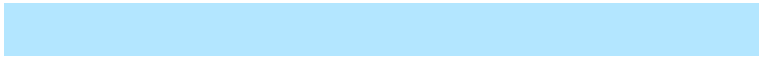
73.3973, 0.3409, 0.3141



73.3973, 0.3314, 0.3723

Complementary

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



73.3973, 0.2665, 0.3012



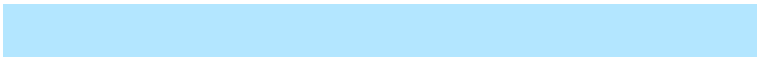
67.7142, 0.3722, 0.3551

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.



73.3973, 0.3515, 0.3685



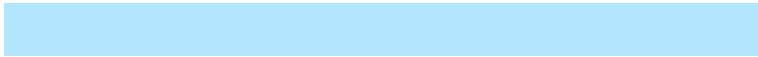
73.3973, 0.2665, 0.3012



73.3973, 0.3573, 0.3345

Square

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



73.3973, 0.2665, 0.3012



73.3973, 0.3171, 0.2978



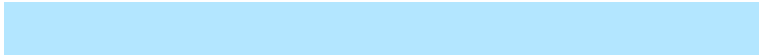
73.3973, 0.3611, 0.3543



73.3973, 0.3069, 0.3634

Rectangle

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



73.3973, 0.2665, 0.3012



73.3973, 0.2859, 0.2882



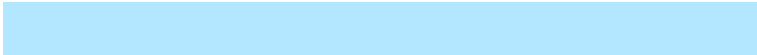
73.3973, 0.3611, 0.3543



73.3973, 0.3389, 0.3724

Sweetspot

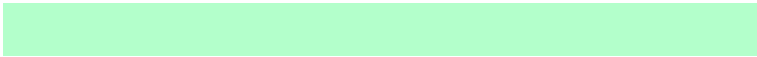
The Sweet Spot groups the original color and five complimentary colors.



73.4002, 0.2665, 0.3012



91.1802, 0.2987, 0.3214



85.4189, 0.2959, 0.3880



19.2251, 0.2965, 0.3201



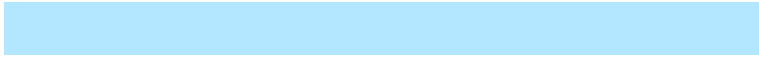
0.0000, 0.0000, 0.0000



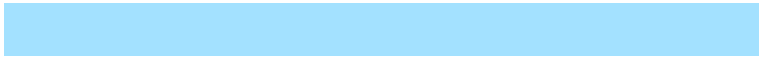
21.4041, 0.3127, 0.3290

Same Dimension

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



73.4002, 0.2665, 0.3012



68.7663, 0.2572, 0.2944



54.9301, 0.2617, 0.2580



19.4149, 0.2980, 0.3210



19.2943, 0.1937, 0.2174



2.0786, 0.1977, 0.2316

Inverse Universe

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



59.2260, 0.3358, 0.2775



52.9504, 0.3420, 0.2666



87.4647, 0.3616, 0.3912



18.1927, 0.3189, 0.3132



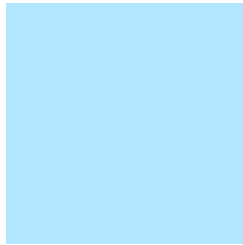
12.6757, 0.4260, 0.2120



1.2544, 0.4109, 0.2037

Previews

White Background



This preview shows how the Yxy color 73.3973, 0.2665, 0.3012 looks on a white background.

Color Contrast Check

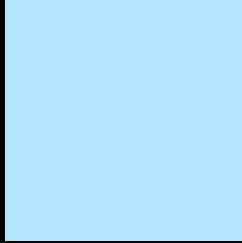
Large Text (above 18pt) WCAG AA × Fail

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 73.3973, 0.2665, 0.3012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

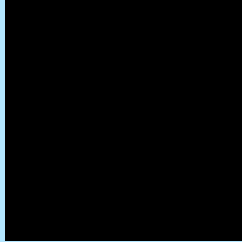
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.3973, 0.2665, 0.3012

Background



This preview shows how black text looks on a background with the Yxy color 73.3973, 0.2665, 0.3012.



This preview shows how white text looks on a background with the Yxy color 73.3973, 0.2665, 0.3012.

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



Original Color

73.3973, 0.2665, 0.3012

Protanopia

72.9314, 0.2929, 0.2983

Deuteranopia

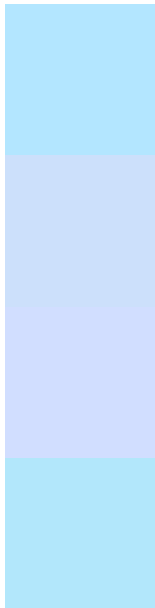
73.0145, 0.2945, 0.2897



Tritanopia

73.4564, 0.2691, 0.3087

Trichromacy



Original Color

73.3973, 0.2665, 0.3012

Protanomaly

73.1137, 0.2829, 0.2999

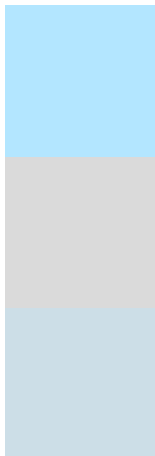
Deuteranomaly

73.0179, 0.2836, 0.2939

Tritanomaly

73.5818, 0.2681, 0.3066

Monochromacy



Original Color

73.3973, 0.2665, 0.3012

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.8494, 0.2946, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3973, 0.2665, 0.3012 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(179, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 230, 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(179, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 230, 255) }
```

Border

The CSS property to change the border of an element to Yxy 73.3973, 0.2665, 0.3012 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(179, 230, 255) }
```

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

```
.border{ border-color:rgb(179, 230, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 230, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 230,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3973, 0.2665, 0.3012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 230, 255) }
```

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

```
.background{ background-color: rgb(179,  
230, 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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