

Converting Colors

$Yxy(74.1848, 0.2731, 0.3155)$

Have a look what the booklet for
Yxy(74.1848, 0.2731, 0.3155)
contains.

Yxy(73.9482, 0.2730, 0.3154)	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(73.9482, 0.2730, 0.3154)

Conversions

Conversions Part 1

Format	Color
Hex	B4E8F4
RGB	180, 232, 244
RGB Percent	71%, 91%, 96%
CMY	0.2942, 0.0902, 0.0431
CMYK	0.26, 0.05, 0.00, 0.04
HSL	191°, 74%, 83%
HSV	191°, 26%, 96%
XYZ	64.0072, 73.9482, 96.5031
YIQ	217.8200, -34.8440, -7.2920

Conversions

Conversions Part 2

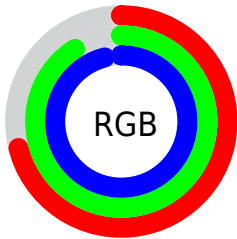
Format	Color
R _Y B	180, 209, 244
Decimal	11856116
CIE Lab	88.90, -13.88, -11.25
CIE LCh	89, 17.873, 219.027
Yxy	73.9482, 0.2730, 0.3154
Android (android.graphics.Color)	4290046196 (0xFFB4E8F4)
YUV	217.8200, 12.9067, -33.1681
Hunter-Lab	85.9931, -17.6253, -6.3411

Details

The Yxy color **73.9482, 0.2730, 0.3154** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.2298, 0.3658, 0.3421**, and the grayscale version is **69.9082, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **39.0415, 0.2635, 0.3112** is the 20% darker color. If you saturate the color by 10%, you get **68.7320, 0.2591, 0.3094**, and if you desaturate by 10%, it is **79.7530, 0.2878, 0.3210**.

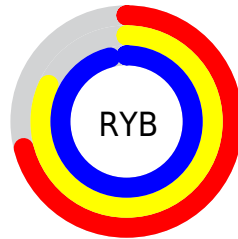
Distribution



Red (71%)

Green (91%)

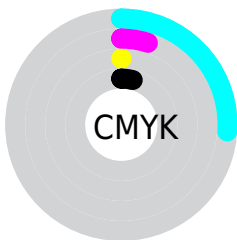
Blue (96%)



Red (71%)

Yellow (82%)

Blue (96%)

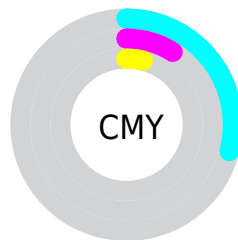


Cyan (26%)

Magenta (5%)

Yellow (0%)

Black (4%)



Cyan (29%)


Magenta (9%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.9482, 0.2730, 0.3154 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 73.9482, 0.2730, 0.3154 by changing the saturation by 10% instead.


 73.9482, 0.2730,
0.3154

 73.9482, 0.2730,
0.3154


474.2946, 0.2911,
0.3220

 54.7516, 0.2689,
0.3138


 124.8224, 0.2792,
0.3177

 39.2029, 0.2640,
0.3119

157.2688, 0.2816,
0.3186

 26.9176, 0.2577,
0.3094


194.9006, 0.2838,
0.3194

 17.5114, 0.2497,
0.3061

238.1022, 0.2856,
0.3200

 10.5997, 0.2389,
0.3014

287.2580, 0.2872,
0.3206

 5.7984, 0.2238,
0.2944

342.7524, 0.2886,

 2.7229, 0.2012,

0.3211

404.9698, 0.2899,
0.3216

0.2831

0.9888, 0.1592,
0.2636

0.0000, 0.0000,
0.0000

73.9482, 0.2730,
0.3154

73.9482, 0.2730,
0.3154

68.7320, 0.2591,
0.3094

79.7530, 0.2878,
0.3210

64.0679, 0.2463,
0.3031

86.1631, 0.3030,
0.3261

59.9290, 0.2351,
0.2965

93.2053, 0.3186,
0.3307

56.2820, 0.2255,
0.2897

96.3627, 0.3194,
0.3351

■ 53.0894, 0.2179,
0.2829

■ 99.2474, 0.3191,
0.3394

■ 50.3075, 0.2123,
0.2760

■ 99.3129, 0.3191,
0.3395

■ 47.8819, 0.2085,
0.2692

■ 47.0305, 0.2074,
0.2667

Harmonies

Analogous

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



73.9482, 0.2827, 0.3352



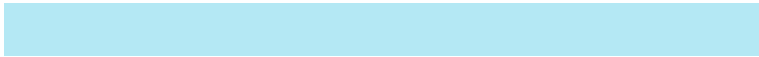
73.9482, 0.2730, 0.3154



73.9482, 0.2735, 0.3003

Triad

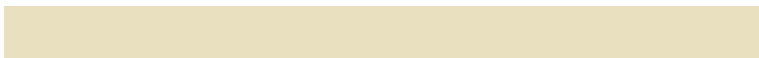
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9482, 0.2730, 0.3154



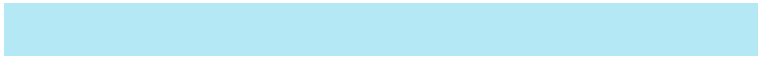
73.9482, 0.3242, 0.3060



73.9482, 0.3413, 0.3659

Complementary

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



73.9482, 0.2730, 0.3154



60.2298, 0.3658, 0.3421

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.



73.9482, 0.3533, 0.3564



73.9482, 0.2730, 0.3154



73.9482, 0.3434, 0.3220

Square

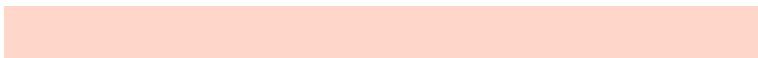
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.9482, 0.2730, 0.3154



73.9482, 0.3025, 0.2956



73.9482, 0.3542, 0.3403



73.9482, 0.3219, 0.3652

Rectangle

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



73.9482, 0.2730, 0.3154



73.9482, 0.2796, 0.2947



73.9482, 0.3542, 0.3403



73.9482, 0.3464, 0.3637

Sweetspot

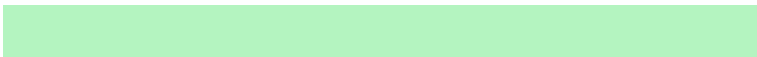
The Sweet Spot groups the original color and five complimentary colors.



73.9512, 0.2730, 0.3154



93.9165, 0.3003, 0.3252



78.2087, 0.3026, 0.3901



19.8679, 0.2980, 0.3244



0.0000, 0.0000, 0.0000



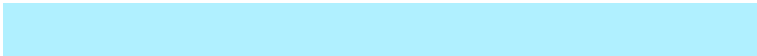
21.4041, 0.3127, 0.3290

Same Dimension

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



73.9512, 0.2730, 0.3154



78.8641, 0.2662, 0.3126



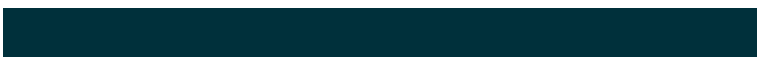
57.6644, 0.2695, 0.2781



18.1982, 0.2980, 0.3245



25.7575, 0.2077, 0.2678



2.3973, 0.2101, 0.2763

Inverse Universe

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



57.6994, 0.3251, 0.2750



58.5924, 0.3279, 0.2649



75.7044, 0.3574, 0.3751



16.7118, 0.3167, 0.3100



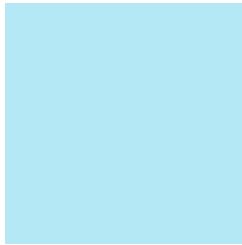
12.6996, 0.3749, 0.1839



1.1296, 0.3669, 0.1795

Previews

White Background



This preview shows how the Yxy color 73.9482, 0.2730, 0.3154 looks on a white background.

Color Contrast Check

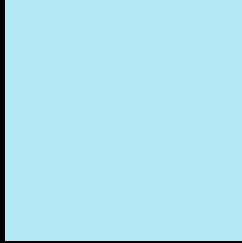
Large Text (above 18pt) WCAG AA × Fail

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 73.9482, 0.2730, 0.3154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

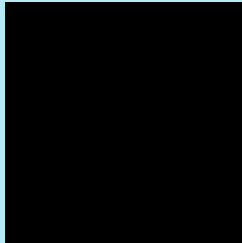
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.9482, 0.2730, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 73.9482, 0.2730, 0.3154.

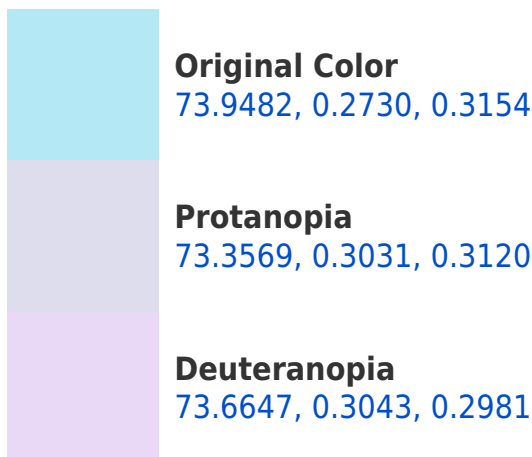


This preview shows how white text looks on a background with the Yxy color 73.9482, 0.2730, 0.3154.

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

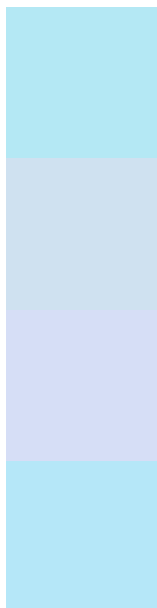




Tritanopia

73.8777, 0.2703, 0.3078

Trichromacy



Original Color

73.9482, 0.2730, 0.3154

Protanomaly

73.4071, 0.2913, 0.3126

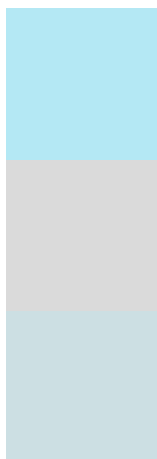
Deuteranomaly

73.1925, 0.2921, 0.3033

Tritanomaly

73.7529, 0.2714, 0.3099

Monochromacy



Original Color

73.9482, 0.2730, 0.3154

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.1588, 0.2971, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9482, 0.2730, 0.3154 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(180, 232, 244)` looks like.

```
.text, #text, p{  
    color:rgb(180, 232, 244)  
}
```

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(180, 232, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 232, 244) }
```

Border

The CSS property to change the border of an element to Yxy 73.9482, 0.2730, 0.3154 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(180, 232, 244) }
```

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

```
.border{ border-color:rgb(180, 232, 244) }
```

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

Here you see how a box with a 4 pixel rgb(180, 232, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 232, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 232, 244);  
box-shadow:4px 4px 4px 4px rgb(180, 232,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9482, 0.2730, 0.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 232, 244) }
```

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

```
.background{ background-color: rgb(180,  
232, 244) }
```

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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