

Converting Colors

$Yxy(74.7939, 0.2737, 0.3170)$

Have a look what the booklet for
Yxy(74.7939, 0.2737, 0.3170)
contains.

Yxy(74.6332, 0.2737, 0.3166)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.6332, 0.2737, 0.3166)

Conversions

Conversions Part 1

Format	Color
Hex	B5E9F4
RGB	181, 233, 244
RGB Percent	71%, 91%, 96%
CMY	0.2902, 0.0862, 0.0432
CMYK	0.26, 0.04, 0.00, 0.04
HSL	190°, 74%, 83%
HSV	190°, 26%, 96%
XYZ	64.5202, 74.6332, 96.5800
YIQ	218.7060, -34.5230, -7.6030

Conversions

Conversions Part 2

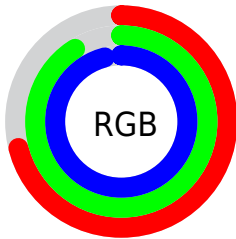
Format	Color
R _Y B	181, 209, 244
Decimal	11921908
CIE Lab	89.22, -14.11, -10.75
CIE LCh	89, 17.737, 217.302
Yxy	74.6332, 0.2737, 0.3166
Android (android.graphics.Color)	4290111988 (0xFFB5E9F4)
YUV	218.7060, 12.4699, -33.0682
Hunter-Lab	86.3905, -17.8717, -5.8097

Details

The Yxy color **74.6332, 0.2737, 0.3166** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.2520, 0.3650, 0.3410**, and the grayscale version is **70.5542, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **39.5107, 0.2644, 0.3127** is the 20% darker color. If you saturate the color by 10%, you get **69.5623, 0.2599, 0.3111**, and if you desaturate by 10%, it is **80.2846, 0.2884, 0.3217**.

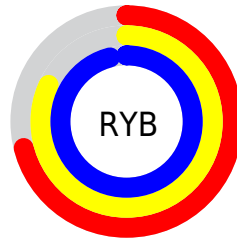
Distribution



Red (71%)

Green (91%)

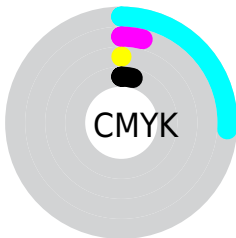
Blue (96%)



Red (71%)

Yellow (82%)

Blue (96%)

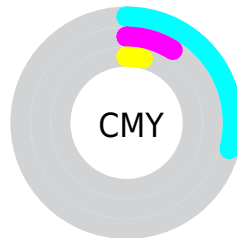


Cyan (26%)

Magenta (4%)

Yellow (0%)

Black (4%)



Cyan (29%)


Magenta (9%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.6332, 0.2737, 0.3166 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 74.6332, 0.2737, 0.3166 by changing the saturation by 10% instead.


 74.6332, 0.2737,
0.3166

 74.6332, 0.2737,
0.3166

476.6559, 0.2914,
0.3226

 55.3124, 0.2697,
0.3152

 125.7930, 0.2798,
0.3187

 39.6519, 0.2649,
0.3134


158.4008, 0.2822,
0.3195

 27.2673, 0.2588,
0.3111


196.2065, 0.2842,
0.3202

 17.7740, 0.2509,
0.3080

239.5944, 0.2860,
0.3208

 10.7879, 0.2404,
0.3038

288.9489, 0.2876,
0.3213

 5.9244, 0.2256,
0.2974

344.6543, 0.2890,

 2.7992, 0.2036,

0.3218

0.2870

407.0952, 0.2903,
0.3222

1.0278, 0.1636,
0.2687

0.0000, 0.0000,
0.0000

74.6332, 0.2737,
0.3166

74.6332, 0.2737,
0.3166

69.5623, 0.2599,
0.3111

80.2846, 0.2884,
0.3217

65.0355, 0.2472,
0.3053

86.5328, 0.3037,
0.3265

61.0260, 0.2360,
0.2992

93.4045, 0.3192,
0.3307

57.5009, 0.2266,
0.2929

96.1710, 0.3195,
0.3348

■ 54.4231, 0.2191,
0.2866

■ 98.8434, 0.3192,
0.3389

■ 51.7492, 0.2136,
0.2802

■ 99.3108, 0.3191,
0.3396

■ 49.4256, 0.2099,
0.2740

■ 48.5235, 0.2087,
0.2714

Harmonies

Analogous

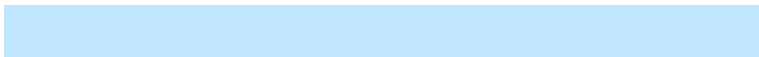
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.6332, 0.2838, 0.3362



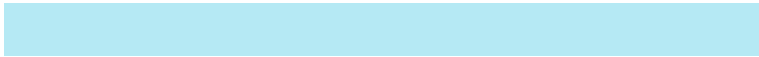
74.6332, 0.2737, 0.3166



74.6332, 0.2736, 0.3013

Triad

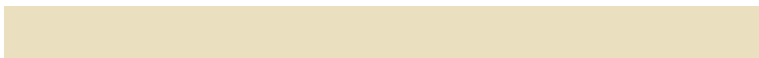
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6332, 0.2737, 0.3166



74.6332, 0.3229, 0.3054



74.6332, 0.3420, 0.3652

Complementary

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



74.6332, 0.2737, 0.3166



60.2520, 0.3650, 0.3410

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.



74.6332, 0.3533, 0.3553



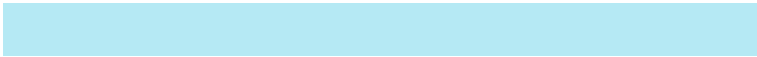
74.6332, 0.2737, 0.3166



74.6332, 0.3421, 0.3211

Square

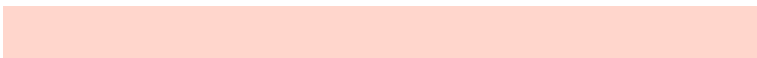
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.6332, 0.2737, 0.3166



74.6332, 0.3014, 0.2956



74.6332, 0.3534, 0.3392



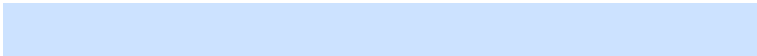
74.6332, 0.3230, 0.3652

Rectangle

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



74.6332, 0.2737, 0.3166



74.6332, 0.2792, 0.2954



74.6332, 0.3534, 0.3392



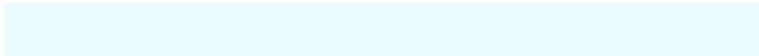
74.6332, 0.3468, 0.3629

Sweetspot

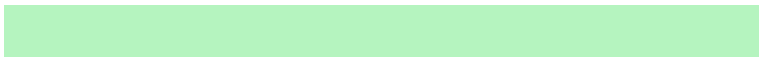
The Sweet Spot groups the original color and five complimentary colors.



74.6362, 0.2737, 0.3166



94.0870, 0.3003, 0.3255



78.2985, 0.3033, 0.3903



19.9111, 0.2980, 0.3248



0.0000, 0.0000, 0.0000



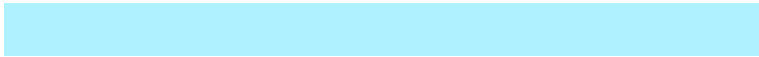
21.4041, 0.3127, 0.3290

Same Dimension

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



74.6362, 0.2737, 0.3166



79.4883, 0.2663, 0.3138



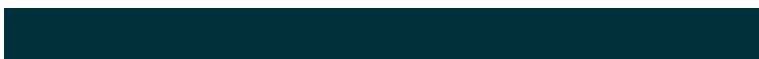
58.5899, 0.2703, 0.2803



18.2376, 0.2980, 0.3248



26.5681, 0.2090, 0.2724



2.4614, 0.2112, 0.2802

Inverse Universe

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



58.1588, 0.3242, 0.2751



58.6554, 0.3270, 0.2640



75.3350, 0.3569, 0.3733



16.7158, 0.3165, 0.3097



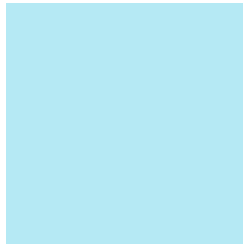
12.7814, 0.3706, 0.1815



1.1361, 0.3633, 0.1775

Previews

White Background



This preview shows how the Yxy color 74.6332, 0.2737, 0.3166 looks on a white background.

Color Contrast Check

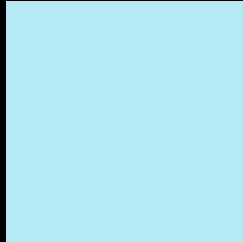
Large Text (above 18pt) WCAG AA × Fail

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 74.6332, 0.2737, 0.3166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

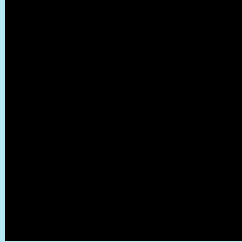
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.6332, 0.2737, 0.3166

Background



This preview shows how black text looks on a background with the Yxy color 74.6332, 0.2737, 0.3166.

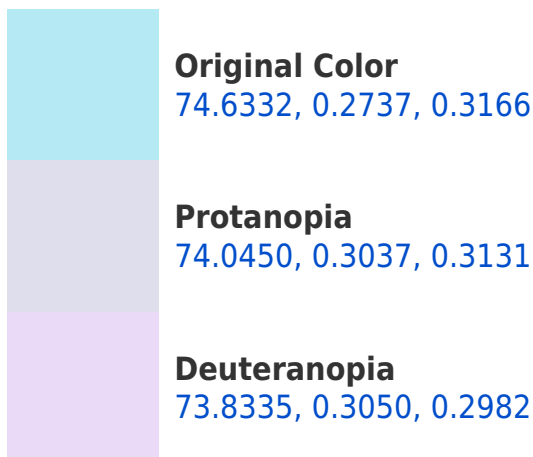


This preview shows how white text looks on a background with the Yxy color 74.6332, 0.2737, 0.3166.

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

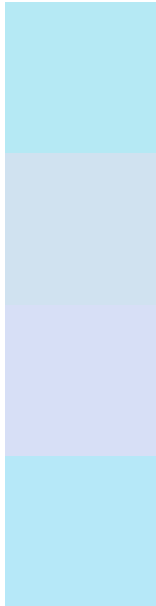




Tritanopia

74.6233, 0.2705, 0.3079

Trichromacy



Original Color

74.6332, 0.2737, 0.3166

Protanomaly

74.0939, 0.2919, 0.3138

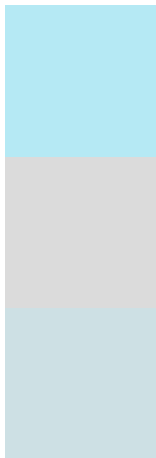
Deuteranomaly

73.8762, 0.2928, 0.3045

Tritanomaly

74.4356, 0.2720, 0.3111

Monochromacy



Original Color

74.6332, 0.2737, 0.3166

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.8919, 0.2972, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6332, 0.2737, 0.3166 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(181, 233, 244)` looks like.

```
.text, #text, p{  
    color:rgb(181, 233, 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(181, 233, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 233, 244) }
```

Border

The CSS property to change the border of an element to Yxy 74.6332, 0.2737, 0.3166 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(181, 233, 244) }
```

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

```
.border{ border-color:rgb(181, 233, 244) }
```

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

Here you see how a box with a 4 pixel rgb(181, 233, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 233, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 233, 244);  
box-shadow:4px 4px 4px 4px rgb(181, 233,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6332, 0.2737, 0.3166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 233, 244) }
```

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

```
.background{ background-color: rgb(181,  
233, 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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