

Converting Colors

$Yxy(73.5046, 0.2735, 0.3184)$

Have a look what the booklet for
Yxy(73.5046, 0.2735, 0.3184)
contains.

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Color

Yxy(73.5291, 0.2735, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	B2E8F1
RGB	178, 232, 241
RGB Percent	70%, 91%, 95%
CMY	0.3018, 0.0902, 0.0549
CMYK	0.26, 0.04, 0.00, 0.05
HSL	189°, 69%, 82%
HSV	189°, 26%, 95%
XYZ	63.1007, 73.5291, 94.0859
YIQ	216.8800, -35.0730, -8.6490

Conversions

Conversions Part 2

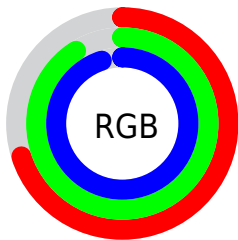
Format	Color
R _Y B	178, 207, 241
Decimal	11725041
CIE Lab	88.70, -15.11, -9.98
CIE LCh	89, 18.106, 213.446
Yxy	73.5291, 0.2735, 0.3187
Android (android.graphics.Color)	4289915121 (0xFFB2E8F1)
YUV	216.8800, 11.8912, -34.0978
Hunter-Lab	85.7491, -18.7070, -5.0300

Details

The Yxy color **73.5291, 0.2735, 0.3187** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.4784, 0.3663, 0.3390**, and the grayscale version is **69.2437, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **38.8385, 0.2648, 0.3155** is the 20% darker color. If you saturate the color by 10%, you get **69.0047, 0.2599, 0.3142**, and if you desaturate by 10%, it is **78.5984, 0.2880, 0.3229**.

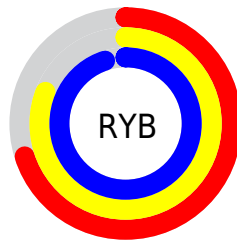
Distribution



Red (70%)

Green (91%)

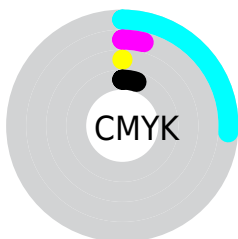
Blue (95%)



Red (70%)

Yellow (81%)

Blue (95%)

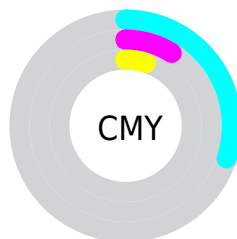


Cyan (26%)

Magenta (4%)

Yellow (0%)

Black (5%)



Cyan (30%)

Magenta (9%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.5291, 0.2735, 0.3187 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 73.5291, 0.2735, 0.3187 by changing the saturation by 10% instead.

73.5291, 0.2735,
0.3187

73.5291, 0.2735,
0.3187

472.8465, 0.2914,
0.3237

54.4087, 0.2695,
0.3175

124.2280, 0.2797,
0.3205

38.9285, 0.2646,
0.3160

156.5754, 0.2821,
0.3212

26.7041, 0.2584,
0.3140

194.1005, 0.2841,
0.3218

17.3511, 0.2504,
0.3113

237.1878, 0.2860,
0.3223

10.4852, 0.2396,
0.3075

286.2217, 0.2876,
0.3227

5.7218, 0.2246,
0.3019

341.5865, 0.2890,

2.6767, 0.2019,

0.3231

0.2924

403.6666, 0.2902,
0.3234

■ 0.9654, 0.1567,
0.2767

■ 0.0000, 0.0000,
0.0000

■ 73.5291, 0.2735,
0.3187

■ 73.5291, 0.2735,
0.3187

■ 69.0047, 0.2599,
0.3142

■ 78.5984, 0.2880,
0.3229

■ 64.9897, 0.2476,
0.3094

■ 84.2281, 0.3032,
0.3268

■ 61.4585, 0.2369,
0.3045

■ 90.4441, 0.3188,
0.3303

■ 58.3791, 0.2280,
0.2994

■ 93.3918, 0.3216,
0.3337

■ 55.7155, 0.2210,
0.2943

■ 95.5061, 0.3213,
0.3370

■ 53.4256, 0.2159,
0.2892

■ 97.6594, 0.3210,
0.3403

■ 51.4573, 0.2127,
0.2841

■ 99.1310, 0.3209,
0.3425

■ 50.7487, 0.2117,
0.2822

Harmonies

Analogous

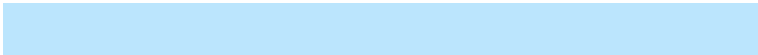
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.5291, 0.2851, 0.3390



73.5291, 0.2735, 0.3187



73.5291, 0.2720, 0.3022

Triad

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



73.5291, 0.2735, 0.3187



73.5291, 0.3203, 0.3032



73.5291, 0.3448, 0.3654

Complementary

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



73.5291, 0.2735, 0.3187



57.4784, 0.3663, 0.3390

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.



73.5291, 0.3550, 0.3541



73.5291, 0.2735, 0.3187



73.5291, 0.3407, 0.3186

Square

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



73.5291, 0.2735, 0.3187



73.5291, 0.2985, 0.2941



73.5291, 0.3536, 0.3370



73.5291, 0.3260, 0.3668

Rectangle

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



73.5291, 0.2735, 0.3187



73.5291, 0.2769, 0.2954



73.5291, 0.3536, 0.3370



73.5291, 0.3493, 0.3625

Sweetspot

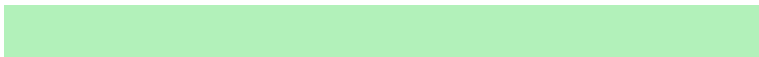
The Sweet Spot groups the original color and five complimentary colors.



73.5321, 0.2735, 0.3187



94.4865, 0.3003, 0.3261



75.9454, 0.3044, 0.3936



20.0123, 0.2980, 0.3255



0.0000, 0.0000, 0.0000



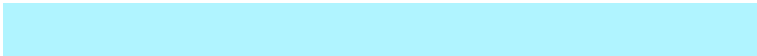
21.4041, 0.3127, 0.3290

Same Dimension

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



73.5321, 0.2735, 0.3187



80.9609, 0.2666, 0.3165



57.6540, 0.2701, 0.2823



17.5210, 0.2981, 0.3255



27.6724, 0.2120, 0.2830



2.4066, 0.2138, 0.2897

Inverse Universe

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



56.3850, 0.3228, 0.2726



58.8041, 0.3251, 0.2617



72.0168, 0.3580, 0.3717



15.9903, 0.3160, 0.3090



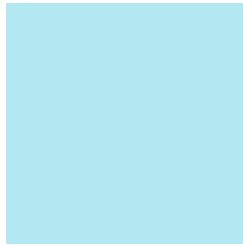
12.5869, 0.3607, 0.1761



1.0577, 0.3546, 0.1727

Previews

White Background



This preview shows how the Yxy color 73.5291, 0.2735, 0.3187 looks on a white background.

Color Contrast Check

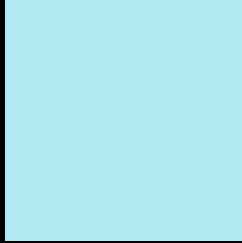
Large Text (above 18pt) WCAG AA × Fail

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 73.5291, 0.2735, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

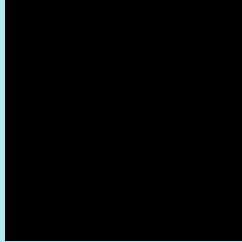
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.5291, 0.2735, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 73.5291, 0.2735, 0.3187.

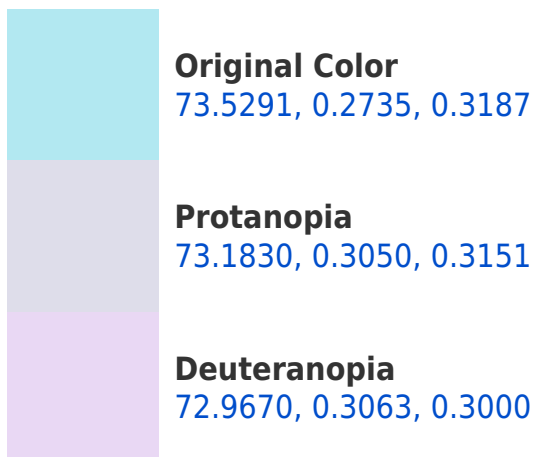


This preview shows how white text looks on a background with the Yxy color 73.5291, 0.2735, 0.3187.

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

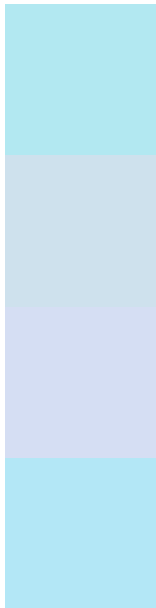




Tritanopia

73.6947, 0.2703, 0.3088

Trichromacy



Original Color

73.5291, 0.2735, 0.3187

Protanomaly

73.0867, 0.2924, 0.3158

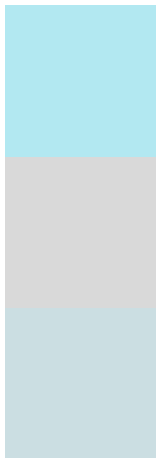
Deuteranomaly

72.8598, 0.2933, 0.3064

Tritanomaly

73.3894, 0.2713, 0.3121

Monochromacy



Original Color

73.5291, 0.2735, 0.3187

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.4300, 0.2971, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5291, 0.2735, 0.3187 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(178, 232, 241)` looks like.

```
.text, #text, p{  
    color:rgb(178, 232, 241)  
}
```

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(178, 232, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 232, 241) }
```

Border

The CSS property to change the border of an element to Yxy 73.5291, 0.2735, 0.3187 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(178, 232, 241) }
```

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

```
.border{ border-color:rgb(178, 232, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 232, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 232, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 232, 241);  
box-shadow:4px 4px 4px 4px rgb(178, 232,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5291, 0.2735, 0.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 232, 241) }
```

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

```
.background{ background-color: rgb(178,  
232, 241) }
```

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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