

Converting Colors

$Yxy(73.7491, 0.2818, 0.3140)$

Have a look what the booklet for
Yxy(73.7491, 0.2818, 0.3140)
contains.

Yxy(73.9188, 0.2821, 0.3146)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.9188, 0.2821, 0.3146)

Conversions

Conversions Part 1

Format	Color
Hex	C2E5F2
RGB	194, 229, 242
RGB Percent	76%, 90%, 95%
CMY	0.2394, 0.1019, 0.0511
CMYK	0.20, 0.05, 0.00, 0.05
HSL	196°, 65%, 85%
HSV	196°, 20%, 95%
XYZ	66.2826, 73.9188, 94.7599
YIQ	220.0170, -25.0330, -3.3770

Conversions

Conversions Part 2

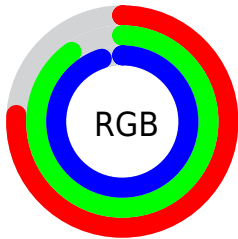
Format	Color
R_{YB}	194, 214, 242
Decimal	12772850
CIE Lab	88.88, -8.69, -10.11
CIE LCh	89, 13.336, 229.326
Yxy	73.9188, 0.2821, 0.3146
Android (android.graphics.Color)	4290962930 (0xFFC2E5F2)
YUV	220.0170, 10.8376, -22.8169
Hunter-Lab	85.9760, -12.8449, -5.1642

Details

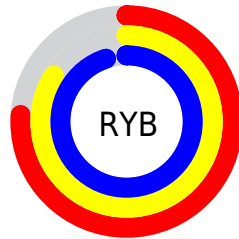
The Yxy color **73.9188, 0.2821, 0.3146** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.3503, 0.3495, 0.3430**, and the grayscale version is **71.5144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **39.3927, 0.2754, 0.3116** is the 20% darker color. If you saturate the color by 10%, you get **67.4311, 0.2671, 0.3063**, and if you desaturate by 10%, it is **81.0697, 0.2975, 0.3222**.

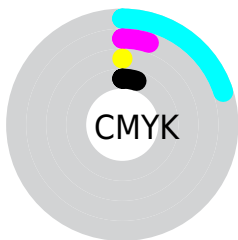
Distribution



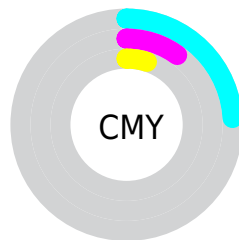
- Red (76%)
- Green (90%)
- Blue (95%)



- Red (76%)
- Yellow (84%)
- Blue (95%)



- Cyan (20%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



- Cyan (24%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.9188, 0.2821, 0.3146 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 73.9188, 0.2821, 0.3146 by changing the saturation by 10% instead.

■ 73.9188, 0.2821,
0.3146

■ 73.9188, 0.2821,
0.3146

■ 474.1931, 0.2961,
0.3214

■ 54.7276, 0.2789,
0.3130

■ 124.7807, 0.2869,
0.3170

■ 39.1837, 0.2751,
0.3111

■ 157.2202, 0.2888,
0.3179

■ 26.9026, 0.2702,
0.3085

■ 194.8445, 0.2904,
0.3187

■ 17.5001, 0.2639,
0.3052

■ 238.0381, 0.2919,
0.3194

■ 10.5917, 0.2554,
0.3006

■ 287.1854, 0.2931,
0.3200

■ 5.7930, 0.2434,
0.2939

■ 342.6707, 0.2942,

■ 2.7196, 0.2252,

0.3205

0.2832

404.8785, 0.2952,
0.3210

0.9872, 0.1933,
0.2641

0.0000, 0.0000,
0.0000

73.9188, 0.2821,
0.3146

73.9188, 0.2821,
0.3146

67.4311, 0.2671,
0.3063

81.0697, 0.2975,
0.3222

61.5710, 0.2528,
0.2974

88.8997, 0.3130,
0.3291

56.3125, 0.2396,
0.2879

95.1788, 0.3208,
0.3354

51.6243, 0.2279,
0.2781

99.1895, 0.3203,
0.3415

■ 47.4715, 0.2178,
0.2679

■ 43.8143, 0.2097,
0.2577

■ 40.6058, 0.2036,
0.2475

■ 37.7695, 0.1993,
0.2374

■ 37.7274, 0.1993,
0.2373

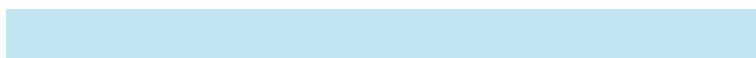
Harmonies

Analogous

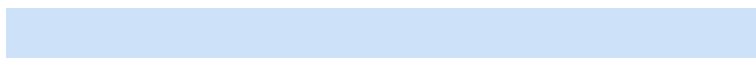
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.9188, 0.2869, 0.3285



73.9188, 0.2821, 0.3146



73.9188, 0.2852, 0.3051

Triad

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



73.9188, 0.2821, 0.3146



73.9188, 0.3267, 0.3155



73.9188, 0.3296, 0.3572

Complementary

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



73.9188, 0.2821, 0.3146



67.3503, 0.3495, 0.3430

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.



73.9188, 0.3408, 0.3527



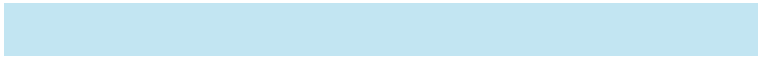
73.9188, 0.2821, 0.3146



73.9188, 0.3392, 0.3286

Square

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



73.9188, 0.2821, 0.3146



73.9188, 0.3107, 0.3059



73.9188, 0.3443, 0.3422



73.9188, 0.3141, 0.3537

Rectangle

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



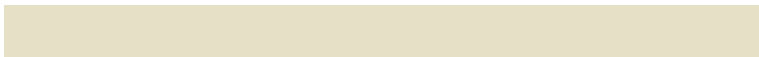
73.9188, 0.2821, 0.3146



73.9188, 0.2914, 0.3023



73.9188, 0.3443, 0.3422



73.9188, 0.3340, 0.3565

Sweetspot

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



73.9218, 0.2821, 0.3146



94.6068, 0.3034, 0.3249



79.4476, 0.3027, 0.3688



20.1277, 0.3024, 0.3245



0.0000, 0.0000, 0.0000



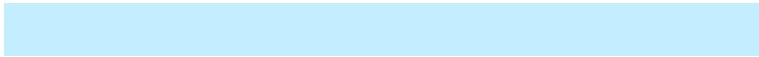
21.4041, 0.3127, 0.3290

Same Dimension

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



73.9218, 0.2821, 0.3146



80.0948, 0.2757, 0.3112



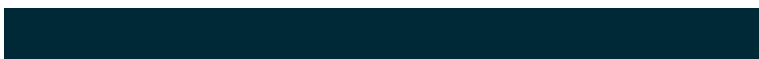
61.6123, 0.2804, 0.2873



17.1654, 0.2981, 0.3225



20.5094, 0.1997, 0.2389



1.8697, 0.2034, 0.2522

Inverse Universe

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



63.0951, 0.3246, 0.2924



65.9562, 0.3276, 0.2844



79.7908, 0.3448, 0.3675



15.9544, 0.3179, 0.3119



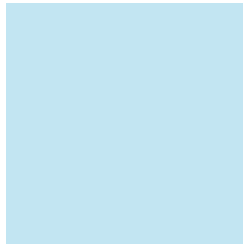
11.8638, 0.4034, 0.1996



1.0035, 0.3900, 0.1922

Previews

White Background



This preview shows how the Yxy color 73.9188, 0.2821, 0.3146 looks on a white background.

Color Contrast Check

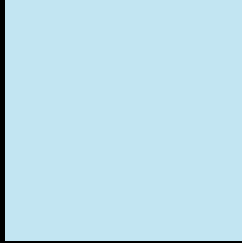
Large Text (above 18pt) WCAG AA × Fail

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 73.9188, 0.2821, 0.3146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

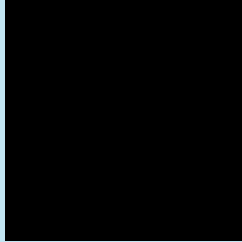
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

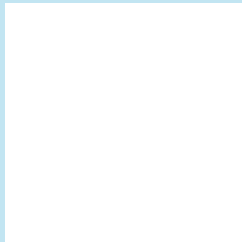
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.9188, 0.2821, 0.3146

Background



This preview shows how black text looks on a background with the Yxy color 73.9188, 0.2821, 0.3146.

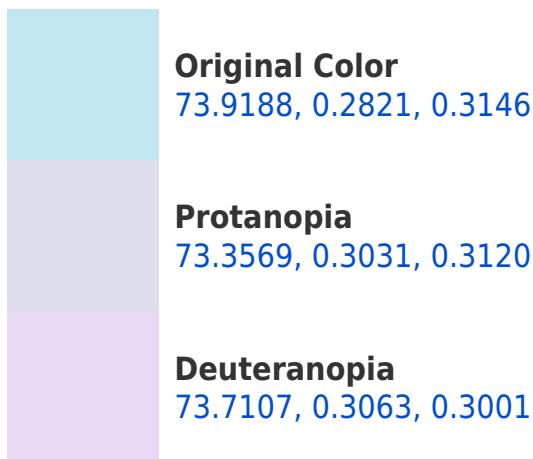


This preview shows how white text looks on a background with the Yxy color 73.9188, 0.2821, 0.3146.

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

73.8043, 0.2798, 0.3081

Trichromacy



Original Color

73.9188, 0.2821, 0.3146

Protanomaly

73.5404, 0.2951, 0.3128

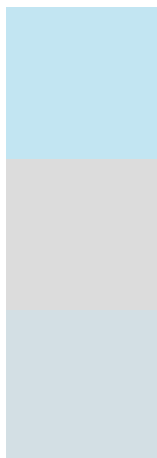
Deuteranomaly

73.3046, 0.2967, 0.3046

Tritanomaly

73.6815, 0.2810, 0.3102

Monochromacy



Original Color

73.9188, 0.2821, 0.3146

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.2257, 0.3012, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9188, 0.2821, 0.3146 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(194, 229, 242)` looks like.

```
.text, #text, p{  
    color:rgb(194, 229, 242)  
}
```

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(194, 229, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 229, 242) }
```

Border

The CSS property to change the border of an element to Yxy 73.9188, 0.2821, 0.3146 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(194, 229, 242) }
```

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

```
.border{ border-color:rgb(194, 229, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 229, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 229, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 229, 242); box-shadow:4px 4px 4px 4px rgb(194, 229, 242) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9188, 0.2821, 0.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 229, 242) }
```

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

```
.background{ background-color: rgb(194,  
229, 242) }
```

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