

Converting Colors

$Yxy(73.4284, 0.2830, 0.3178)$

Have a look what the booklet for
Yxy(73.4284, 0.2830, 0.3178)
contains.

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Color

Yxy(73.6081, 0.2832, 0.3178)

Conversions

Conversions Part 1

Format	Color
Hex	C1E5EF
RGB	193, 229, 239
RGB Percent	76%, 90%, 94%
CMY	0.2431, 0.1020, 0.0627
CMYK	0.19, 0.04, 0.00, 0.06
HSL	193°, 59%, 85%
HSV	193°, 19%, 94%
XYZ	65.5941, 73.6081, 92.4155
YIQ	219.3760, -24.6660, -4.5220

Conversions

Conversions Part 2

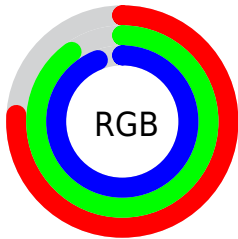
Format	Color
R_{YB}	193, 213, 239
Decimal	12707311
CIE Lab	88.74, -9.60, -8.78
CIE LCh	89, 13.009, 222.452
Yxy	73.6081, 0.2832, 0.3178
Android (android.graphics.Color)	4290897391 (0xFFC1E5EF)
YUV	219.3760, 9.6746, -23.1318
Hunter-Lab	85.7952, -13.6705, -3.8084

Details

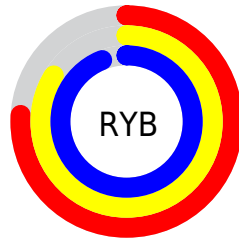
The Yxy color **73.6081, 0.2832, 0.3178** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.9226, 0.3486, 0.3399**, and the grayscale version is **71.0607, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **39.1800, 0.2767, 0.3158** is the 20% darker color. If you saturate the color by 10%, you get **67.8853, 0.2685, 0.3112**, and if you desaturate by 10%, it is **79.9307, 0.2984, 0.3239**.

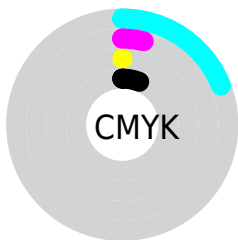
Distribution



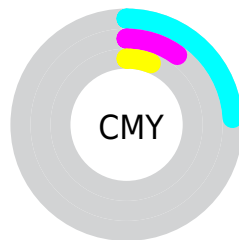
- Red (76%)
- Green (90%)
- Blue (94%)



- Red (76%)
- Yellow (84%)
- Blue (94%)



- Cyan (19%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)



- Cyan (24%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.6081, 0.2832, 0.3178 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 73.6081, 0.2832, 0.3178 by changing the saturation by 10% instead.

■ 73.6081, 0.2832,
0.3178

■ 73.6081, 0.2832,
0.3178

■ 473.1197, 0.2967,
0.3231

■ 54.4733, 0.2802,
0.3166

■ 124.3401, 0.2879,
0.3197

■ 38.9802, 0.2764,
0.3150

■ 156.7061, 0.2897,
0.3204

■ 26.7443, 0.2717,
0.3130

■ 194.2514, 0.2912,
0.3210

■ 17.3813, 0.2656,
0.3103

■ 237.3603, 0.2926,
0.3215

■ 10.5067, 0.2573,
0.3067

■ 286.4171, 0.2938,
0.3220

■ 5.7362, 0.2456,
0.3012

■ 341.8064, 0.2949,

■ 2.6853, 0.2278,

0.3224

0.2924

403.9124, 0.2958,
0.3228

0.9698, 0.1954,
0.2766

0.0000, 0.0000,
0.0000

73.6081, 0.2832,
0.3178

73.6081, 0.2832,
0.3178

67.8853, 0.2685,
0.3112

79.9307, 0.2984,
0.3239

62.7281, 0.2547,
0.3041

86.8675, 0.3139,
0.3294

58.1126, 0.2420,
0.2966

92.5543, 0.3229,
0.3345

54.0090, 0.2308,
0.2888

95.7374, 0.3225,
0.3395

■ 50.3844, 0.2214,
0.2808

■ 99.0096, 0.3220,
0.3444

■ 47.2015, 0.2140,
0.2728

■ 99.0124, 0.3220,
0.3444

■ 44.4160, 0.2085,
0.2647

■ 41.9596, 0.2048,
0.2568

■ 41.7808, 0.2045,
0.2562

Harmonies

Analogous

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



73.6081, 0.2896, 0.3319



73.6081, 0.2832, 0.3178



73.6081, 0.2845, 0.3072

Triad

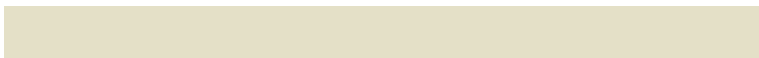
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.6081, 0.2832, 0.3178



73.6081, 0.3230, 0.3133



73.6081, 0.3323, 0.3562

Complementary

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



73.6081, 0.2832, 0.3178



64.9226, 0.3486, 0.3399

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.



73.6081, 0.3417, 0.3503



73.6081, 0.2832, 0.3178



73.6081, 0.3363, 0.3255

Square

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



73.6081, 0.2832, 0.3178



73.6081, 0.3071, 0.3050



73.6081, 0.3432, 0.3390



73.6081, 0.3177, 0.3546

Rectangle

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



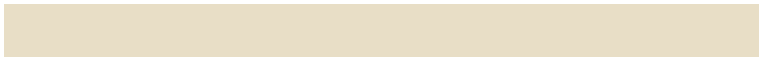
73.6081, 0.2832, 0.3178



73.6081, 0.2895, 0.3035



73.6081, 0.3432, 0.3390



73.6081, 0.3361, 0.3550

Sweetspot

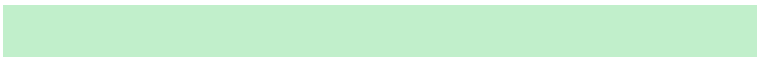
The Sweet Spot groups the original color and five complimentary colors.



73.6111, 0.2832, 0.3178



95.1078, 0.3034, 0.3257



77.3865, 0.3044, 0.3701



20.2464, 0.3024, 0.3253



0.0000, 0.0000, 0.0000



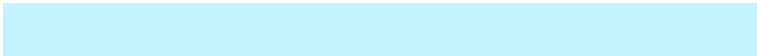
21.4041, 0.3127, 0.3290

Same Dimension

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



73.6111, 0.2832, 0.3178



82.6516, 0.2775, 0.3153



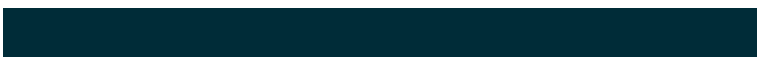
61.7354, 0.2816, 0.2914



17.3114, 0.2981, 0.3237



23.2888, 0.2049, 0.2574



2.0802, 0.2078, 0.2679

Inverse Universe

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



62.1547, 0.3224, 0.2912



67.3233, 0.3246, 0.2834



76.5815, 0.3441, 0.3639



15.9691, 0.3171, 0.3107



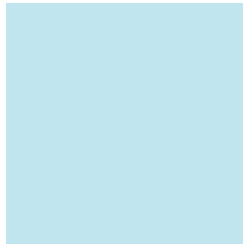
12.1444, 0.3849, 0.1894



1.0247, 0.3748, 0.1838

Previews

White Background



This preview shows how the Yxy color 73.6081, 0.2832, 0.3178 looks on a white background.

Color Contrast Check

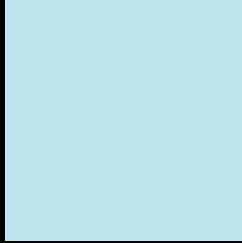
Large Text (above 18pt) WCAG AA × Fail

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 73.6081, 0.2832, 0.3178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

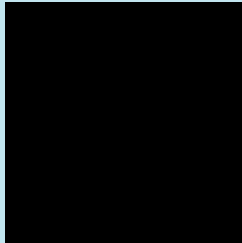
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

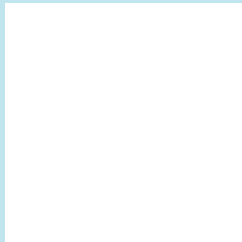
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6081, 0.2832, 0.3178

Background



This preview shows how black text looks on a background with the Yxy color 73.6081, 0.2832, 0.3178.

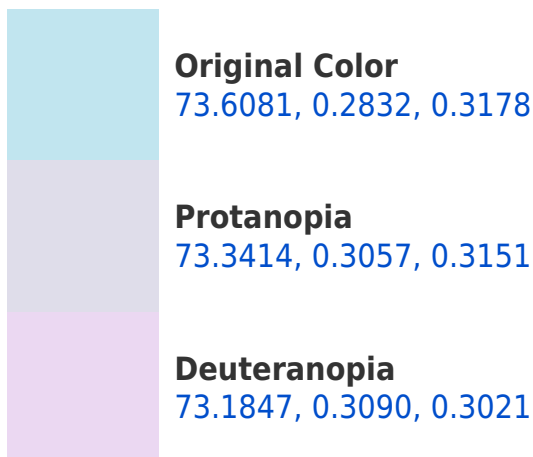


This preview shows how white text looks on a background with the Yxy color 73.6081, 0.2832, 0.3178.

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

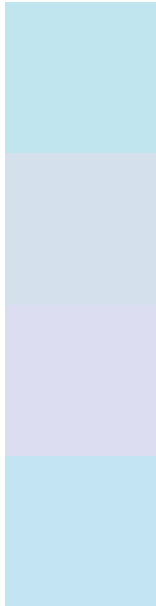




Tritanopia

73.6100, 0.2798, 0.3091

Trichromacy



Original Color

73.6081, 0.2832, 0.3178

Protanomaly

73.3645, 0.2969, 0.3160

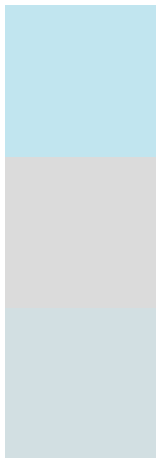
Deuteranomaly

73.2794, 0.2992, 0.3077

Tritanomaly

73.4272, 0.2815, 0.3124

Monochromacy



Original Color

73.6081, 0.2832, 0.3178

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.9680, 0.3018, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6081, 0.2832, 0.3178 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(193, 229, 239)` looks like.

```
.text, #text, p{  
    color:rgb(193, 229, 239)  
}
```

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(193, 229, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 229, 239) }
```

Border

The CSS property to change the border of an element to Yxy 73.6081, 0.2832, 0.3178 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(193, 229, 239) }
```

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

```
.border{ border-color:rgb(193, 229, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 229, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 229, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 229, 239); box-shadow:4px 4px 4px 4px rgb(193, 229, 239) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6081, 0.2832, 0.3178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 229, 239) }
```

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

```
.background{ background-color: rgb(193,  
229, 239) }
```

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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