

Converting Colors

$Yxy(76.3131, 0.2864, 0.3278)$

Have a look what the booklet for
Yxy(76.3131, 0.2864, 0.3278)
contains.

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Color

Yxy(76.3131, 0.2864, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	C2EAEB
RGB	194, 234, 235
RGB Percent	76%, 92%, 92%
CMY	0.2390, 0.0824, 0.0784
CMYK	0.17, 0.00, 0.00, 0.08
HSL	181°, 51%, 84%
HSV	181°, 17%, 92%
XYZ	66.6750, 76.3131, 89.8157
YIQ	222.1540, -24.1610, -8.1690

Conversions

Conversions Part 2

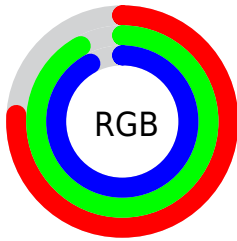
Format	Color
R_{YB}	194, 214, 235
Decimal	12774123
CIE _{Lab}	90.00, -12.65, -4.80
CIE _{LCh}	90, 13.529, 200.792
Yxy	76.3131, 0.2864, 0.3278
Android (android.graphics.Color)	4290964203 (0xFFC2EAEB)
YUV	222.1540, 6.3331, -24.6911
Hunter-Lab	87.3574, -16.6363, 0.1917

Details

The Yxy color **76.3131, 0.2864, 0.3278** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.6158, 0.3461, 0.3302**, and the grayscale version is **73.1359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **40.6709, 0.2808, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **73.1181, 0.2726, 0.3271**, and if you desaturate by 10%, it is **80.0072, 0.3012, 0.3285**.

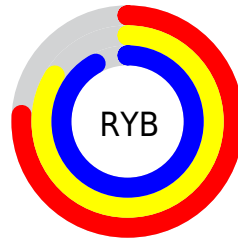
Distribution



Red (76%)

Green (92%)

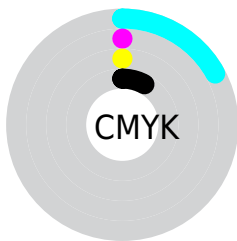
Blue (92%)



Red (76%)

Yellow (84%)

Blue (92%)

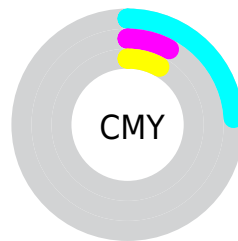


Cyan (17%)

Magenta (0%)

Yellow (0%)

Black (8%)



Cyan (24%)


Magenta (8%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.3131, 0.2864, 0.3278 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 76.3131, 0.2864, 0.3278 by changing the saturation by 10% instead.


 76.3131, 0.2864,
0.3278

 76.3131, 0.2864,
0.3278

482.4188, 0.2984,
0.3285

 56.6893, 0.2837,
0.3276


 128.1694, 0.2905,
0.3281

 40.7558, 0.2804,
0.3274


161.1707, 0.2921,
0.3282

 28.1283, 0.2762,
0.3271


199.3999, 0.2935,
0.3282

 18.4224, 0.2708,
0.3266

243.2414, 0.2948,
0.3283

 11.2537, 0.2636,
0.3259

293.0797, 0.2958,
0.3284

 6.2377, 0.2533,
0.3248

349.2991, 0.2968,

 2.9902, 0.2377,

0.3284

412.2840, 0.2976,
0.3284

0.3228

1.1266, 0.2104,
0.3187

0.0005, 0.0000,
0.0015

76.3131, 0.2864,
0.3278

76.3131, 0.2864,
0.3278

73.1181, 0.2726,
0.3271

80.0072, 0.3012,
0.3285

70.3897, 0.2602,
0.3263


84.2125, 0.3168,
0.3292

68.1062, 0.2493,
0.3254


87.0965, 0.3262,
0.3298


66.2403, 0.2402,
0.3246

87.4305, 0.3261,
0.3303


 64.7619, 0.2331,
0.3238

 87.7656, 0.3261,
0.3309

 63.6368, 0.2279,
0.3229


 88.1019, 0.3260,
0.3315


 62.8247, 0.2246,
0.3221

 88.4392, 0.3260,
0.3320

 62.2723, 0.2228,
0.3213

 88.7775, 0.3259,
0.3326

 62.1507, 0.2225,
0.3211

 89.1170, 0.3259,
0.3332

Harmonies

Analogous

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



76.3131, 0.2978, 0.3425



76.3131, 0.2864, 0.3278



76.3131, 0.2820, 0.3139

Triad

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



76.3131, 0.2864, 0.3278



76.3131, 0.3115, 0.3062



76.3131, 0.3405, 0.3532

Complementary

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



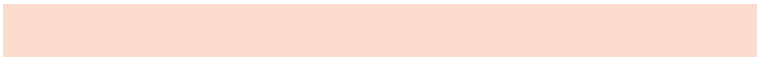
76.3131, 0.2864, 0.3278



60.6158, 0.3461, 0.3302

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.



76.3131, 0.3445, 0.3428



76.3131, 0.2864, 0.3278



76.3131, 0.3275, 0.3160

Square

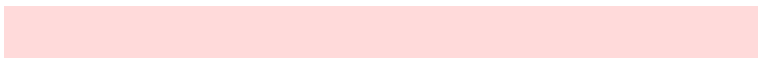
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3131, 0.2864, 0.3278



76.3131, 0.2962, 0.3020



76.3131, 0.3397, 0.3293



76.3131, 0.3290, 0.3573

Rectangle

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



76.3131, 0.2864, 0.3278



76.3131, 0.2834, 0.3071



76.3131, 0.3397, 0.3293



76.3131, 0.3428, 0.3503

Sweetspot

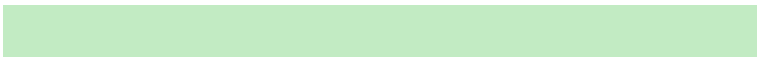
The Sweet Spot groups the original color and five complimentary colors.



76.3162, 0.2864, 0.3278



97.4609, 0.3049, 0.3287



74.8229, 0.3101, 0.3755



20.7870, 0.3038, 0.3286



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.



76.3162, 0.2864, 0.3278



90.3796, 0.2812, 0.3275



65.4875, 0.2853, 0.3049



17.0543, 0.2981, 0.3284



34.6175, 0.2226, 0.3212



2.7386, 0.2229, 0.3223

Inverse Universe

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



62.2072, 0.3155, 0.2869



70.3786, 0.3161, 0.2778



70.2671, 0.3424, 0.3519



15.3070, 0.3142, 0.3064



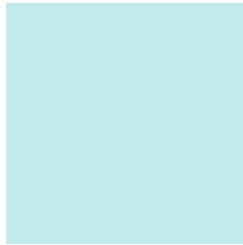
12.9875, 0.3272, 0.1576



1.0219, 0.3262, 0.1571

Previews

White Background



This preview shows how the Yxy color 76.3131, 0.2864, 0.3278 looks on a white background.

Color Contrast Check

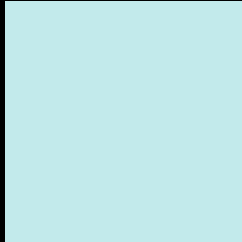
Large Text (above 18pt) WCAG AA × Fail

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 76.3131, 0.2864, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

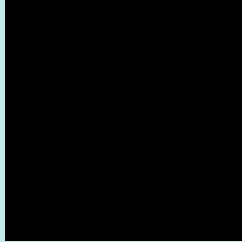
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

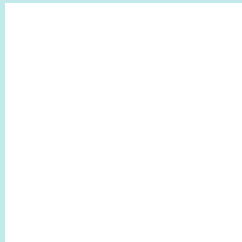
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.3131, 0.2864, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 76.3131, 0.2864, 0.3278.

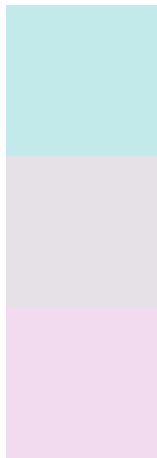


This preview shows how white text looks on a background with the Yxy color 76.3131, 0.2864, 0.3278.

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



Original Color

76.3131, 0.2864, 0.3278

Protanopia

76.2216, 0.3123, 0.3237

Deuteranopia

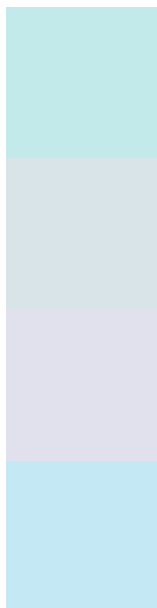
75.7133, 0.3165, 0.3096



Tritanopia

76.4857, 0.2797, 0.3094

Trichromacy



Original Color

76.3131, 0.2864, 0.3278

Protanomaly

75.9119, 0.3021, 0.3247

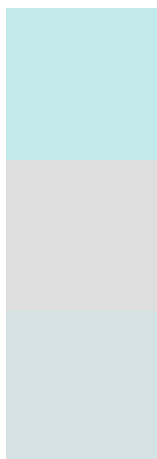
Deuteranomaly

75.4333, 0.3051, 0.3153

Tritanomaly

76.6062, 0.2819, 0.3158

Monochromacy



Original Color

76.3131, 0.2864, 0.3278

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.9358, 0.3025, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.3131, 0.2864, 0.3278 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, 234, 235)` looks like.

```
.text, #text, p{  
    color:rgb(194, 234, 235)  
}
```

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, 234, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 234, 235) }
```

Border

The CSS property to change the border of an element to Yxy 76.3131, 0.2864, 0.3278 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, 234, 235) }
```

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

```
.border{ border-color:rgb(194, 234, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 234, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 234, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 234, 235);  
box-shadow:4px 4px 4px 4px rgb(194, 234,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3131, 0.2864, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 234, 235) }
```

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

```
.background{ background-color: rgb(194,  
234, 235) }
```

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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