

Converting Colors

$Yxy(76.1225, 0.2820, 0.3133)$

Have a look what the booklet for
Yxy(76.1225, 0.2820, 0.3133)
contains.

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Color

Yxy(76.2374, 0.2819, 0.3137)

Conversions

Conversions Part 1

Format	Color
Hex	C5E8F6
RGB	197, 232, 246
RGB Percent	77%, 91%, 96%
CMY	0.2276, 0.0901, 0.0354
CMYK	0.20, 0.06, 0.00, 0.04
HSL	197°, 73%, 87%
HSV	197°, 20%, 96%
XYZ	68.5092, 76.2374, 98.2799
YIQ	223.1310, -25.3540, -3.0660

Conversions

Conversions Part 2

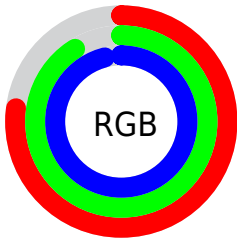
Format	Color
R _Y B	197, 217, 246
Decimal	12970230
CIE Lab	89.97, -8.46, -10.58
CIE LCh	90, 13.546, 231.351
Yxy	76.2374, 0.2819, 0.3137
Android (android.graphics.Color)	4291160310 (0xFFC5E8F6)
YUV	223.1310, 11.2744, -22.9169
Hunter-Lab	87.3140, -12.7432, -5.6165

Details

The Yxy color **76.2374, 0.2819, 0.3137** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.1803, 0.3496, 0.3438**, and the grayscale version is **73.8196, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **40.5192, 0.2743, 0.3090** is the 20% darker color. If you saturate the color by 10%, you get **69.3175, 0.2668, 0.3049**, and if you desaturate by 10%, it is **83.8628, 0.2973, 0.3218**.

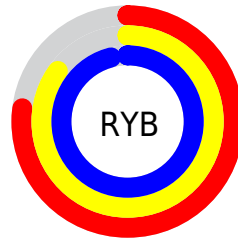
Distribution



Red (77%)

Green (91%)

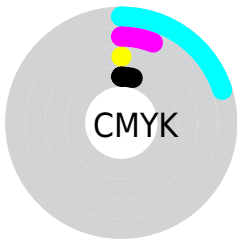
Blue (96%)



Red (77%)

Yellow (85%)

Blue (96%)

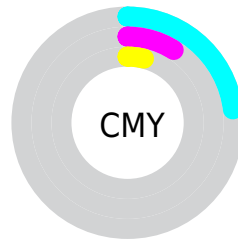


Cyan (20%)

Magenta (6%)

Yellow (0%)

Black (4%)



Cyan (23%)

Magenta (9%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.2374, 0.2819, 0.3137 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 76.2374, 0.2819, 0.3137 by changing the saturation by 10% instead.

■ 76.2374, 0.2819,
0.3137

■ 76.2374, 0.2819,
0.3137

482.1600, 0.2959,
0.3209

■ 56.6272, 0.2788,
0.3120

128.0624, 0.2867,
0.3162

■ 40.7060, 0.2749,
0.3100

161.0460, 0.2886,
0.3172

■ 28.0894, 0.2701,
0.3074

199.2562, 0.2902,
0.3180

■ 18.3931, 0.2639,
0.3040

243.0774, 0.2916,
0.3187

■ 11.2326, 0.2556,
0.2993

292.8940, 0.2929,
0.3194

■ 6.2235, 0.2439,
0.2924

349.0904, 0.2940,

■ 2.9814, 0.2263,

0.3199

0.2817

412.0509, 0.2950,
0.3204

■ 1.1221, 0.1972,
0.2626

■ 0.0000, 0.0000,
0.0000

■ 76.2374, 0.2819,
0.3137

■ 76.2374, 0.2819,
0.3137

■ 69.3175, 0.2668,
0.3049

■ 83.8628, 0.2973,
0.3218

■ 63.0657, 0.2524,
0.2955

■ 92.2106, 0.3128,
0.3291

■ 57.4549, 0.2390,
0.2854

■ 98.1945, 0.3181,
0.3358

■ 52.4519, 0.2270,
0.2749

■ 99.4329, 0.3179,
0.3376

■ 48.0201, 0.2168,
0.2641

■ 44.1178, 0.2085,
0.2532

■ 40.6957, 0.2022,
0.2424

■ 37.6734, 0.1977,
0.2317

■ 37.6517, 0.1977,
0.2317

Harmonies

Analogous

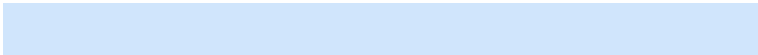
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.2374, 0.2862, 0.3275



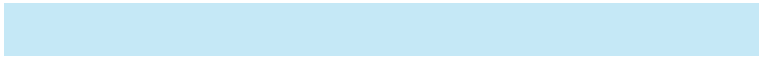
76.2374, 0.2819, 0.3137



76.2374, 0.2856, 0.3045

Triad

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



76.2374, 0.2819, 0.3137



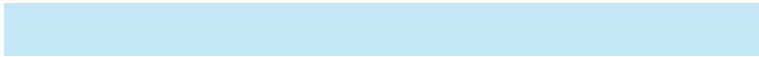
76.2374, 0.3278, 0.3162



76.2374, 0.3288, 0.3573

Complementary

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



76.2374, 0.2819, 0.3137



70.1803, 0.3496, 0.3438

Split Complementary

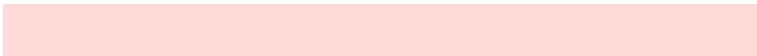
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.2374, 0.3404, 0.3534



76.2374, 0.2819, 0.3137



76.2374, 0.3399, 0.3296

Square

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



76.2374, 0.2819, 0.3137



76.2374, 0.3118, 0.3063



76.2374, 0.3446, 0.3431



76.2374, 0.3130, 0.3533

Rectangle

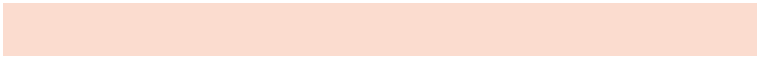
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



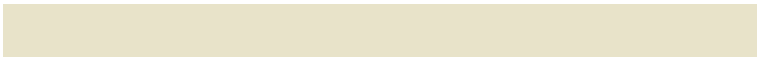
76.2374, 0.2819, 0.3137



76.2374, 0.2921, 0.3020



76.2374, 0.3446, 0.3431



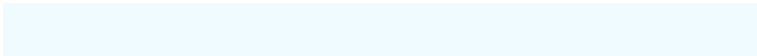
76.2374, 0.3333, 0.3569

Sweetspot

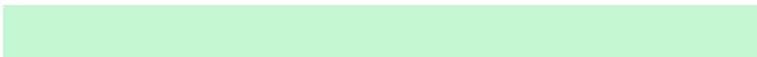
The Sweet Spot groups the original color and five complimentary colors.



76.2405, 0.2819, 0.3137



94.4617, 0.3034, 0.3247



82.4650, 0.3022, 0.3681



20.0934, 0.3024, 0.3242



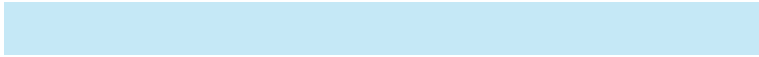
0.0000, 0.0000, 0.0000



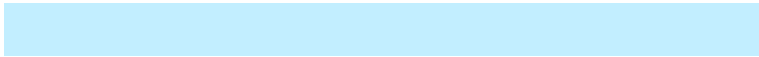
21.4041, 0.3127, 0.3290

Same Dimension

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



76.2405, 0.2819, 0.3137



79.5532, 0.2756, 0.3102



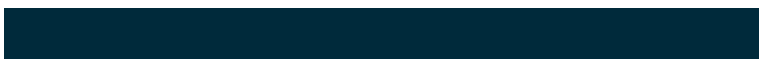
63.4323, 0.2802, 0.2861



17.9128, 0.2980, 0.3221



20.3508, 0.1982, 0.2334



1.9633, 0.2019, 0.2468

Inverse Universe

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



65.3369, 0.3252, 0.2930



65.9015, 0.3283, 0.2853



83.2462, 0.3448, 0.3685



16.6830, 0.3182, 0.3122



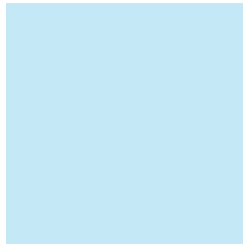
12.1538, 0.4091, 0.2027



1.0858, 0.3954, 0.1952

Previews

White Background



This preview shows how the Yxy color 76.2374, 0.2819, 0.3137 looks on a white background.

Color Contrast Check

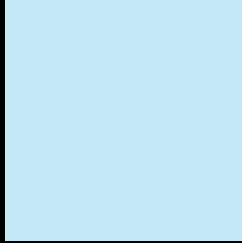
Large Text (above 18pt) WCAG AA × Fail

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 76.2374, 0.2819, 0.3137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

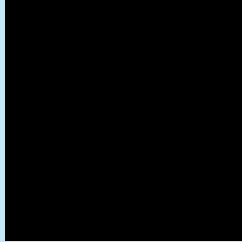
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.2374, 0.2819, 0.3137

Background



This preview shows how black text looks on a background with the Yxy color 76.2374, 0.2819, 0.3137.

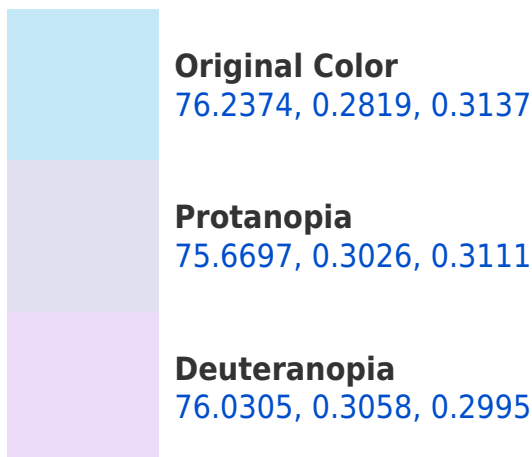


This preview shows how white text looks on a background with the Yxy color 76.2374, 0.2819, 0.3137.

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

76.0597, 0.2802, 0.3084

Trichromacy



Original Color

76.2374, 0.2819, 0.3137

Protanomaly

75.8563, 0.2947, 0.3119

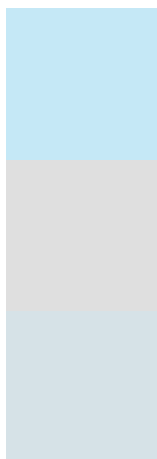
Deuteranomaly

75.6182, 0.2962, 0.3039

Tritanomaly

75.9971, 0.2808, 0.3094

Monochromacy



Original Color

76.2374, 0.2819, 0.3137

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.4584, 0.3014, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2374, 0.2819, 0.3137 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(197, 232, 246)` looks like.

```
.text, #text, p{  
    color:rgb(197, 232, 246)  
}
```

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(197, 232, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 232, 246) }
```

Border

The CSS property to change the border of an element to Yxy 76.2374, 0.2819, 0.3137 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(197, 232, 246) }
```

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

```
.border{ border-color:rgb(197, 232, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 232, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 232, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 232, 246);  
box-shadow:4px 4px 4px 4px rgb(197, 232,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2374, 0.2819, 0.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 232, 246) }
```

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

```
.background{ background-color: rgb(197,  
232, 246) }
```

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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