

Converting Colors

$Yxy(69.5147, 0.2810, 0.3013)$

Have a look what the booklet for
Yxy(69.5147, 0.2810, 0.3013)
contains.

Yxy(69.5147, 0.2810, 0.3013)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.5147, 0.2810, 0.3013)

Conversions

Conversions Part 1

Format	Color
Hex	C4DCF5
RGB	196, 220, 245
RGB Percent	77%, 86%, 96%
CMY	0.2315, 0.1372, 0.0393
CMYK	0.20, 0.10, 0.00, 0.04
HSL	211°, 71%, 86%
HSV	211°, 20%, 96%
XYZ	64.8312, 69.5147, 96.3700
YIQ	215.6740, -22.3290, 2.6870

Conversions

Conversions Part 2

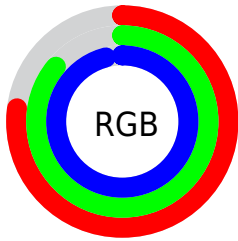
Format	Color
R _Y B	196, 212, 245
Decimal	12901621
CIE Lab	86.76, -2.79, -14.86
CIE LCh	87, 15.115, 259.365
Yxy	69.5147, 0.2810, 0.3013
Android (android.graphics.Color)	4291091701 (0xFFC4DCF5)
YUV	215.6740, 14.4577, -17.2541
Hunter-Lab	83.3755, -7.1089, -10.1679

Details

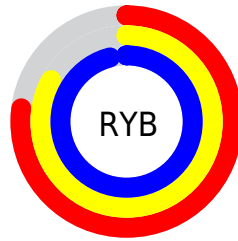
The Yxy color **69.5147, 0.2810, 0.3013** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.0735, 0.3475, 0.3552**, and the grayscale version is **68.3453, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **36.3352, 0.2736, 0.2942** is the 20% darker color. If you saturate the color by 10%, you get **60.1879, 0.2645, 0.2852**, and if you desaturate by 10%, it is **79.8726, 0.2972, 0.3159**.

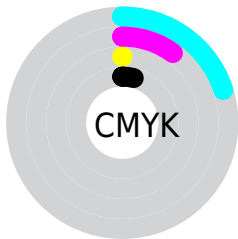
Distribution



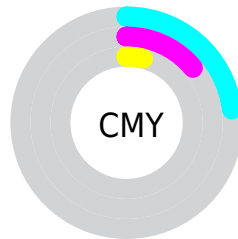
- Red (77%)
- Green (86%)
- Blue (96%)



- Red (77%)
- Yellow (83%)
- Blue (96%)



- Cyan (20%)
- Magenta (10%)
- Yellow (0%)
- Black (4%)



- Cyan (23%)
- Magenta (14%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.5147, 0.2810, 0.3013 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 69.5147, 0.2810, 0.3013 by changing the saturation by 10% instead.

■ 69.5147, 0.2810,
0.3013

■ 69.5147, 0.2810,
0.3013

458.8442, 0.2957,
0.3142

■ 51.1310, 0.2777,
0.2983

118.5164, 0.2861,
0.3058

■ 36.3129, 0.2735,
0.2946

149.9032, 0.2881,
0.3075

■ 24.6759, 0.2683,
0.2900

186.3932, 0.2898,
0.3091

■ 15.8358, 0.2615,
0.2838

228.3707, 0.2913,
0.3104

■ 9.4080, 0.2523,
0.2755

276.2202, 0.2926,
0.3115

■ 5.0083, 0.2392,
0.2634

330.3260, 0.2937,

■ 2.2521, 0.2189,

0.3125

0.2446

391.0725, 0.2947,
0.3134

0.7482, 0.1814,
0.2110

0.0000, 0.0000,
0.0000

69.5147, 0.2810,
0.3013

69.5147, 0.2810,
0.3013

60.1879, 0.2645,
0.2852

79.8726, 0.2972,
0.3159

51.8471, 0.2479,
0.2676

91.2875, 0.3127,
0.3290

44.4559, 0.2319,
0.2489

99.3714, 0.3185,
0.3386

37.9722, 0.2167,
0.2292

■ 32.3495, 0.2031,
0.2091

■ 27.5362, 0.1915,
0.1891

■ 23.4725, 0.1823,
0.1698

■ 20.0681, 0.1755,
0.1517

Harmonies

Analogous

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



69.5147, 0.2774, 0.3122



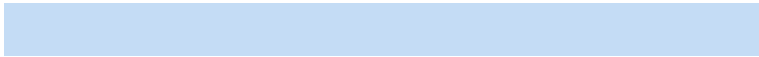
69.5147, 0.2810, 0.3013



69.5147, 0.2929, 0.2979

Triad

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



69.5147, 0.2810, 0.3013



69.5147, 0.3434, 0.3285



69.5147, 0.3142, 0.3577

Complementary

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



69.5147, 0.2810, 0.3013



75.0735, 0.3475, 0.3552

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.



69.5147, 0.3322, 0.3617



69.5147, 0.2810, 0.3013



69.5147, 0.3494, 0.3441

Square

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



69.5147, 0.2810, 0.3013



69.5147, 0.3289, 0.3134



69.5147, 0.3452, 0.3564



69.5147, 0.2963, 0.3453

Rectangle

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



69.5147, 0.2810, 0.3013



69.5147, 0.3042, 0.3001



69.5147, 0.3452, 0.3564



69.5147, 0.3205, 0.3601

Sweetspot

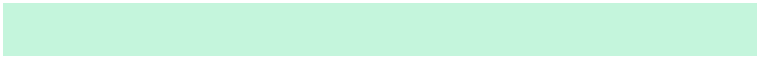
The Sweet Spot groups the original color and five complimentary colors.



69.5175, 0.2810, 0.3013



92.3403, 0.3035, 0.3213



82.2176, 0.2962, 0.3561



19.5917, 0.3024, 0.3204



0.0000, 0.0000, 0.0000



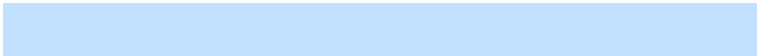
21.4041, 0.3127, 0.3290

Same Dimension

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



69.5175, 0.2810, 0.3013



71.8793, 0.2743, 0.2950



57.7909, 0.2792, 0.2737



17.2691, 0.2980, 0.3166



11.0887, 0.1763, 0.1546



1.1798, 0.1826, 0.1775

Inverse Universe

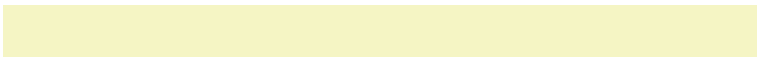
The Inverse Universe completely reimagines the original color for something new.



64.0445, 0.3336, 0.3039



65.1268, 0.3389, 0.2986



88.6861, 0.3429, 0.3789



16.6180, 0.3216, 0.3174



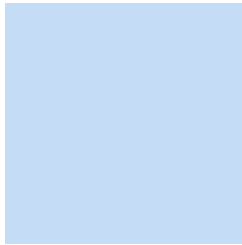
11.2188, 0.5000, 0.2528



1.0067, 0.4716, 0.2371

Previews

White Background



This preview shows how the Yxy color 69.5147, 0.2810, 0.3013 looks on a white background.

Color Contrast Check

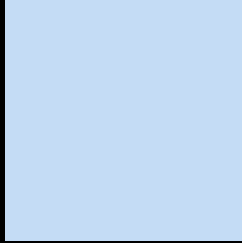
Large Text (above 18pt) WCAG AA × Fail

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 69.5147, 0.2810, 0.3013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

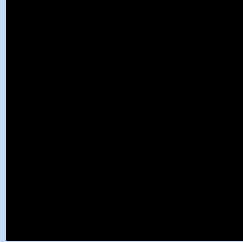
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

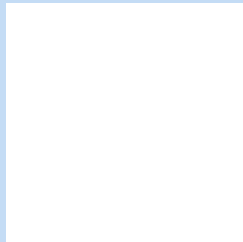
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.5147, 0.2810, 0.3013

Background



This preview shows how black text looks on a background with the Yxy color 69.5147, 0.2810, 0.3013.



This preview shows how white text looks on a background with the Yxy color 69.5147, 0.2810, 0.3013.

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

69.5147, 0.2810, 0.3013

Protanopia

69.1578, 0.2937, 0.2998

Deuteranopia

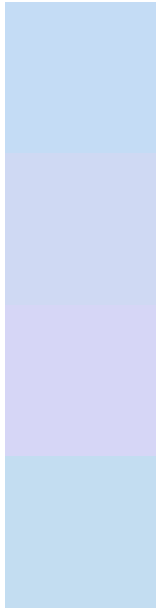
69.1512, 0.2981, 0.2911



Tritanopia

69.5470, 0.2839, 0.3088

Trichromacy



Original Color

69.5147, 0.2810, 0.3013

Protanomaly

69.3622, 0.2892, 0.3006

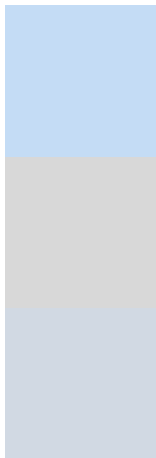
Deuteranomaly

69.0431, 0.2919, 0.2946

Tritanomaly

69.6659, 0.2828, 0.3066

Monochromacy



Original Color

69.5147, 0.2810, 0.3013

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.7271, 0.3005, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5147, 0.2810, 0.3013 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(196, 220, 245)` looks like.

```
.text, #text, p{  
    color:rgb(196, 220, 245)  
}
```

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(196, 220, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 220, 245) }
```

Border

The CSS property to change the border of an element to Yxy 69.5147, 0.2810, 0.3013 is called "border". The border property can be set on classes, ids or directly on the HTML element.

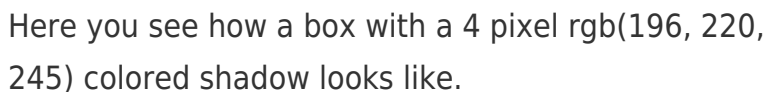
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 220, 245) }
```

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

```
.border{ border-color:rgb(196, 220, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 220, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 220, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 220, 245); box-shadow:4px 4px 4px 4px rgb(196, 220, 245) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5147, 0.2810, 0.3013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 220, 245) }
```

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

```
.background{ background-color: rgb(196,  
220, 245) }
```

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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