

Converting Colors

$Yxy(70.1515, 0.2811, 0.3014)$

Have a look what the booklet for
Yxy(70.1515, 0.2811, 0.3014)
contains.

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Color

Yxy(70.2370, 0.2811, 0.3014)

Conversions

Conversions Part 1

Format	Color
Hex	C5DDF6
RGB	197, 221, 246
RGB Percent	77%, 87%, 96%
CMY	0.2277, 0.1333, 0.0353
CMYK	0.20, 0.10, 0.00, 0.04
HSL	211°, 73%, 87%
HSV	211°, 20%, 96%
XYZ	65.5064, 70.2370, 97.2925
YIQ	216.6740, -22.3290, 2.6870

Conversions

Conversions Part 2

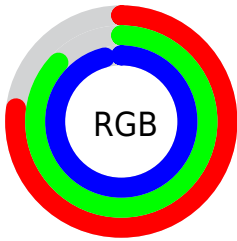
Format	Color
RYB	197, 213, 246
Decimal	12967414
CIELab	87.11, -2.80, -14.85
CIELCh	87, 15.115, 259.342
Yxy	70.2370, 0.2811, 0.3014
Android (android.graphics.Color)	4291157494 (0xFFC5DDF6)
YUV	216.6740, 14.4577, -17.2541
Hunter-Lab	83.8075, -7.1424, -10.1647

Details

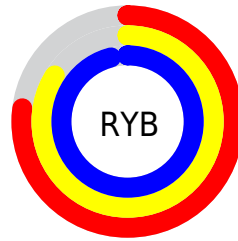
The Yxy color **70.2370, 0.2811, 0.3014** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.8276, 0.3474, 0.3551**, and the grayscale version is **69.0601, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **36.8298, 0.2738, 0.2944** is the 20% darker color. If you saturate the color by 10%, you get **60.8149, 0.2646, 0.2853**, and if you desaturate by 10%, it is **80.7005, 0.2973, 0.3160**.

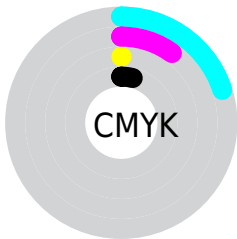
Distribution



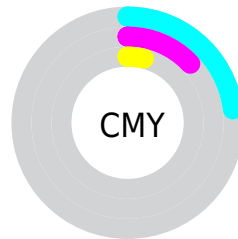
- Red (77%)
- Green (87%)
- Blue (96%)



- Red (77%)
- Yellow (84%)
- Blue (96%)



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



- Cyan (23%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.2370, 0.2811, 0.3014 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 70.2370, 0.2811, 0.3014 by changing the saturation by 10% instead.

■ 70.2370, 0.2811,
0.3014

■ 70.2370, 0.2811,
0.3014

461.3817, 0.2957,
0.3143

■ 51.7198, 0.2778,
0.2984

119.5467, 0.2862,
0.3059

■ 36.7818, 0.2737,
0.2948

151.1079, 0.2881,
0.3076

■ 25.0386, 0.2685,
0.2902

187.7859, 0.2898,
0.3091

■ 16.1058, 0.2618,
0.2841

229.9651, 0.2913,
0.3104

■ 9.5990, 0.2527,
0.2758

278.0299, 0.2926,
0.3115

■ 5.1339, 0.2397,
0.2639

332.3647, 0.2937,

■ 2.3261, 0.2198,

0.3126

0.2454

393.3538, 0.2948,
0.3135

0.7874, 0.1840,
0.2131

0.0000, 0.0000,
0.0000

70.2370, 0.2811,
0.3014

70.2370, 0.2811,
0.3014

60.8149, 0.2646,
0.2853

80.7005, 0.2973,
0.3160

52.3885, 0.2480,
0.2677

92.2314, 0.3128,
0.3291

44.9212, 0.2319,
0.2490

99.4338, 0.3179,
0.3376

38.3703, 0.2168,
0.2293

■ 32.6892, 0.2032,
0.2092

■ 27.8256, 0.1916,
0.1892

■ 23.7192, 0.1824,
0.1699

■ 20.2780, 0.1755,
0.1518

■ 20.2587, 0.1755,
0.1517

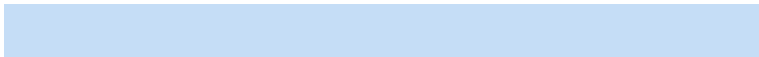
Harmonies

Analogous

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



70.2370, 0.2775, 0.3123



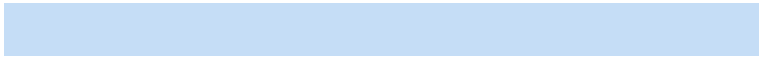
70.2370, 0.2811, 0.3014



70.2370, 0.2929, 0.2980

Triad

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



70.2370, 0.2811, 0.3014



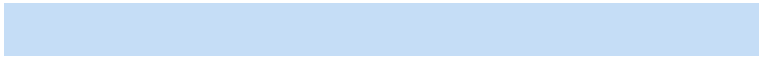
70.2370, 0.3432, 0.3285



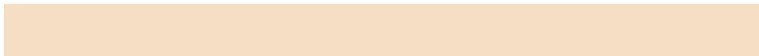
70.2370, 0.3142, 0.3576

Complementary

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



70.2370, 0.2811, 0.3014



75.8276, 0.3474, 0.3551

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.



70.2370, 0.3322, 0.3615



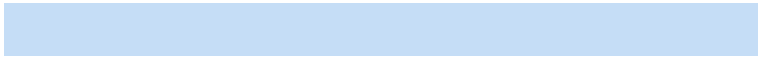
70.2370, 0.2811, 0.3014



70.2370, 0.3492, 0.3441

Square

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



70.2370, 0.2811, 0.3014



70.2370, 0.3288, 0.3135



70.2370, 0.3451, 0.3563



70.2370, 0.2963, 0.3452

Rectangle

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



70.2370, 0.2811, 0.3014



70.2370, 0.3042, 0.3002



70.2370, 0.3451, 0.3563



70.2370, 0.3205, 0.3599

Sweetspot

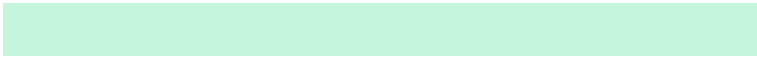
The Sweet Spot groups the original color and five complimentary colors.



70.2399, 0.2811, 0.3014



92.3414, 0.3035, 0.3213



83.0210, 0.2962, 0.3560



19.5919, 0.3024, 0.3204



0.0000, 0.0000, 0.0000



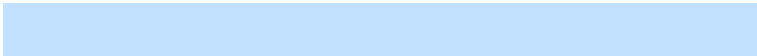
21.4041, 0.3127, 0.3290

Same Dimension

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



70.2399, 0.2811, 0.3014



71.8832, 0.2743, 0.2950



58.4266, 0.2794, 0.2738



17.2695, 0.2980, 0.3166



11.0926, 0.1763, 0.1546



1.1801, 0.1827, 0.1775

Inverse Universe

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



64.7236, 0.3335, 0.3040



65.1272, 0.3389, 0.2986



89.5335, 0.3428, 0.3788



16.6181, 0.3216, 0.3174



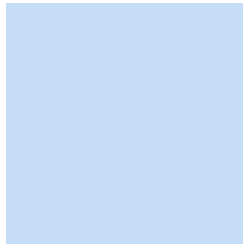
11.2192, 0.5000, 0.2528



1.0068, 0.4715, 0.2371

Previews

White Background



This preview shows how the Yxy color 70.2370, 0.2811, 0.3014 looks on a white background.

Color Contrast Check

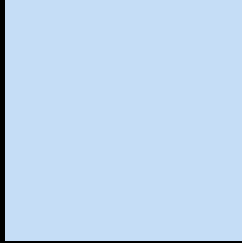
Large Text (above 18pt) WCAG AA × Fail

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 70.2370, 0.2811, 0.3014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

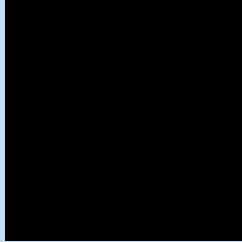
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

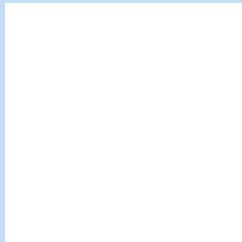
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.2370, 0.2811, 0.3014

Background



This preview shows how black text looks on a background with the Yxy color 70.2370, 0.2811, 0.3014.



This preview shows how white text looks on a background with the Yxy color 70.2370, 0.2811, 0.3014.

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

70.2696, 0.2840, 0.3089

Trichromacy



Original Color

70.2370, 0.2811, 0.3014

Protanomaly

70.0844, 0.2893, 0.3007

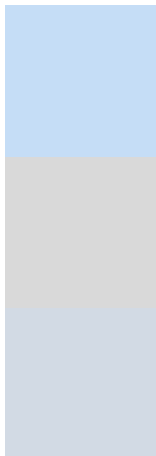
Deuteranomaly

69.7634, 0.2920, 0.2947

Tritanomaly

70.3891, 0.2829, 0.3067

Monochromacy



Original Color

70.2370, 0.2811, 0.3014

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.4459, 0.3006, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.2370, 0.2811, 0.3014 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, 221, 246)` looks like.

```
.text, #text, p{  
    color:rgb(197, 221, 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, 221, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 221, 246) }
```

Border

The CSS property to change the border of an element to Yxy 70.2370, 0.2811, 0.3014 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, 221, 246) }
```

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

```
.border{ border-color:rgb(197, 221, 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, 221, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 221, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 221, 246);  
box-shadow:4px 4px 4px 4px rgb(197, 221,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 70.2370, 0.2811, 0.3014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 221, 246) }
```

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

```
.background{ background-color: rgb(197,  
221, 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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