

Converting Colors

Yxy(61.4913, 0.2849, 0.2974)

Have a look what the booklet for
Yxy(61.4913, 0.2849, 0.2974)
contains.

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Color

Yxy(61.4206, 0.2847, 0.2968)

Conversions

Conversions Part 1

Format	Color
Hex	C1CEEA
RGB	193, 206, 234
RGB Percent	76%, 81%, 92%
CMY	0.2431, 0.1921, 0.0823
CMYK	0.18, 0.12, 0.00, 0.08
HSL	221°, 49%, 84%
HSV	221°, 18%, 92%
XYZ	58.9166, 61.4206, 86.6055
YIQ	205.3050, -16.7360, 5.9520

Conversions

Conversions Part 2

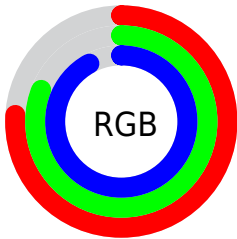
Format	Color
RYB	193, 203, 234
Decimal	12701418
CIELab	82.60, 1.30, -15.30
CIElCh	83, 15.355, 274.864
Yxy	61.4206, 0.2847, 0.2968
Android (android.graphics.Color)	4290891498 (0xFFC1CEEA)
YUV	205.3050, 14.1466, -10.7915
Hunter-Lab	78.3713, -2.9602, -10.6595

Details

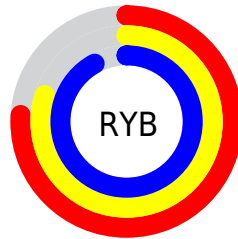
The Yxy color **61.4206, 0.2847, 0.2968** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.0677, 0.3413, 0.3593**, and the grayscale version is **61.1727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **31.1598, 0.2779, 0.2895** is the 20% darker color. If you saturate the color by 10%, you get **51.2782, 0.2673, 0.2754**, and if you desaturate by 10%, it is **72.8374, 0.3011, 0.3160**.

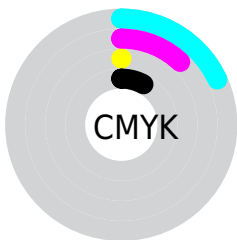
Distribution



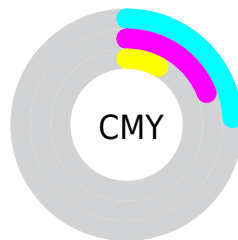
- Red (76%)
- Green (81%)
- Blue (92%)



- Red (76%)
- Yellow (80%)
- Blue (92%)



- Cyan (18%)
- Magenta (12%)
- Yellow (0%)
- Black (8%)



- Cyan (24%)
- Magenta (19%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.4206, 0.2847, 0.2968 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 61.4206, 0.2847, 0.2968 by changing the saturation by 10% instead.

■ 61.4206, 0.2847,
0.2968

■ 61.4206, 0.2847,
0.2968

■ 429.8145, 0.2980,
0.3120

■ 44.5647, 0.2816,
0.2933

■ 106.8877, 0.2894,
0.3021

■ 31.1147, 0.2777,
0.2888

■ 136.2677, 0.2912,
0.3042

■ 20.6862, 0.2727,
0.2832

■ 170.5911, 0.2927,
0.3060

■ 12.8948, 0.2661,
0.2757

■ 210.2425, 0.2941,
0.3075

■ 7.3562, 0.2569,
0.2653

■ 255.6061, 0.2952,
0.3088

■ 3.6858, 0.2433,
0.2501

■ 307.0664, 0.2963,

■ 1.4994, 0.2214,

0.3100

0.2257

365.0077, 0.2972,
0.3111

■ 0.2883, 0.1498,
0.1412

■ 0.0000, 0.0000,
0.0000

■ 61.4206, 0.2847,
0.2968

■ 61.4206, 0.2847,
0.2968

■ 51.2782, 0.2673,
0.2754

■ 72.8374, 0.3011,
0.3160

■ 42.3564, 0.2492,
0.2520

■ 85.5645, 0.3164,
0.3330

■ 34.6088, 0.2310,
0.2269

■ 98.0562, 0.3251,
0.3483

■ 27.9826, 0.2132,
0.2007

■ 98.7216, 0.3250,
0.3493

■ 22.4210, 0.1968,
0.1744

■ 17.8609, 0.1825,
0.1490

■ 14.2317, 0.1712,
0.1257

■ 11.4466, 0.1632,
0.1058

■ 10.8635, 0.1615,
0.1013

Harmonies

Analogous

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



61.4206, 0.2762, 0.3043



61.4206, 0.2847, 0.2968



61.4206, 0.3008, 0.2976

Triad

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



61.4206, 0.2847, 0.2968



61.4206, 0.3498, 0.3371



61.4206, 0.3041, 0.3535

Complementary

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



61.4206, 0.2847, 0.2968



73.0677, 0.3413, 0.3593

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.



61.4206, 0.3238, 0.3627



61.4206, 0.2847, 0.2968



61.4206, 0.3506, 0.3524

Square

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



61.4206, 0.2847, 0.2968



61.4206, 0.3386, 0.3204



61.4206, 0.3409, 0.3620



61.4206, 0.2871, 0.3372

Rectangle

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



61.4206, 0.2847, 0.2968



61.4206, 0.3139, 0.3026



61.4206, 0.3409, 0.3620



61.4206, 0.3106, 0.3576

Sweetspot

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



61.4231, 0.2847, 0.2968



92.2306, 0.3051, 0.3205



75.3798, 0.2942, 0.3444



19.5144, 0.3040, 0.3192



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.



61.4231, 0.2847, 0.2968



70.0634, 0.2786, 0.2894



56.3386, 0.2889, 0.2821



15.3282, 0.2980, 0.3124



6.3033, 0.1623, 0.1041



0.6622, 0.1699, 0.1315

Inverse Universe

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



60.0921, 0.3361, 0.3149



68.3276, 0.3420, 0.3118



79.0675, 0.3342, 0.3732



15.1327, 0.3243, 0.3216



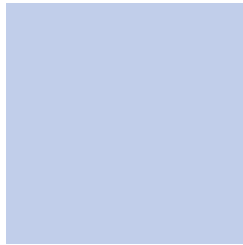
10.1291, 0.5698, 0.2912



0.8123, 0.5306, 0.2696

Previews

White Background



This preview shows how the Yxy color 61.4206, 0.2847, 0.2968 looks on a white background.

Color Contrast Check

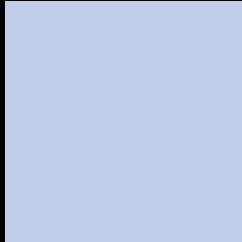
Large Text (above 18pt) WCAG AA × Fail

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 61.4206, 0.2847, 0.2968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

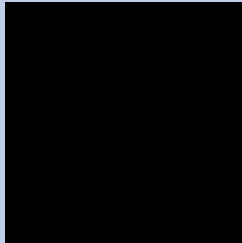
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.4206, 0.2847, 0.2968

Background



This preview shows how black text looks on a background with the Yxy color 61.4206, 0.2847, 0.2968.



This preview shows how white text looks on a background with the Yxy color 61.4206, 0.2847, 0.2968.

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

61.4206, 0.2847, 0.2968

Protanopia

61.4864, 0.2908, 0.2961

Deuteranopia

61.1556, 0.2966, 0.2901



Tritanopia

61.5699, 0.2897, 0.3103

Trichromacy



Original Color

61.4206, 0.2847, 0.2968

Protanomaly

61.5516, 0.2887, 0.2971

Deuteranomaly

61.0766, 0.2916, 0.2919

Tritanomaly

61.4336, 0.2878, 0.3046

Monochromacy



Original Color

61.4206, 0.2847, 0.2968

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.0380, 0.3021, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4206, 0.2847, 0.2968 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, 206, 234)` looks like.

```
.text, #text, p{  
    color:rgb(193, 206, 234)  
}
```

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, 206, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 206, 234) }
```

Border

The CSS property to change the border of an element to Yxy 61.4206, 0.2847, 0.2968 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, 206, 234) }
```

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

```
.border{ border-color:rgb(193, 206, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 206, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 206, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 206, 234);  
box-shadow:4px 4px 4px 4px rgb(193, 206,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4206, 0.2847, 0.2968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 206, 234) }
```

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

```
.background{ background-color: rgb(193,  
206, 234) }
```

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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