

Converting Colors

$Yxy(63.1733, 0.2896, 0.2977)$

Have a look what the booklet for
Yxy(63.1733, 0.2896, 0.2977)
contains.

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Color

Yxy(63.0413, 0.2896, 0.2974)

Conversions

Conversions Part 1

Format	Color
Hex	C9CFEB
RGB	201, 207, 235
RGB Percent	79%, 81%, 92%
CMY	0.2120, 0.1882, 0.0783
CMYK	0.14, 0.12, 0.00, 0.08
HSL	229°, 46%, 85%
HSV	229°, 14%, 92%
XYZ	61.3879, 63.0413, 87.5456
YIQ	208.3980, -12.5640, 7.4360

Conversions

Conversions Part 2

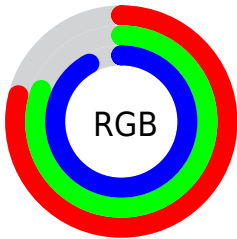
Format	Color
R _Y B	201, 206, 235
Decimal	13225963
CIE Lab	83.46, 3.48, -14.49
CIE LCh	83, 14.896, 283.492
Yxy	63.0413, 0.2896, 0.2974
Android (android.graphics.Color)	4291416043 (0xFFC9CFEB)
YUV	208.3980, 13.1148, -6.4880
Hunter-Lab	79.3986, -0.9382, -9.7947

Details

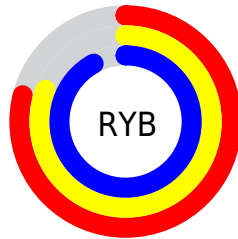
The Yxy color **63.0413, 0.2896, 0.2974** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.8955, 0.3353, 0.3587**, and the grayscale version is **63.2652, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.2402, 0.2843, 0.2904** is the 20% darker color. If you saturate the color by 10%, you get **51.2370, 0.2718, 0.2723**, and if you desaturate by 10%, it is **76.4945, 0.3059, 0.3198**.

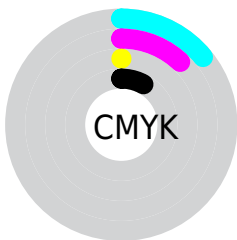
Distribution



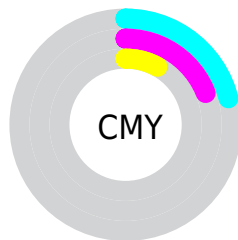
- Red (79%)
- Green (81%)
- Blue (92%)



- Red (79%)
- Yellow (81%)
- Blue (92%)



- Cyan (14%)
- Magenta (12%)
- Yellow (0%)
- Black (8%)



- Cyan (21%)
- Magenta (19%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.0413, 0.2896, 0.2974 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 63.0413, 0.2896, 0.2974 by changing the saturation by 10% instead.

■ 63.0413, 0.2896,
0.2974

■ 63.0413, 0.2896,
0.2974

435.7194, 0.3006,
0.3122

■ 45.8746, 0.2870,
0.2940

109.2291, 0.2935,
0.3026

■ 32.1469, 0.2838,
0.2897

139.0190, 0.2949,
0.3046

■ 21.4737, 0.2797,
0.2843

173.7854, 0.2962,
0.3063

■ 13.4707, 0.2743,
0.2771

213.9128, 0.2973,
0.3078

■ 7.7535, 0.2667,
0.2673

259.7855, 0.2983,
0.3091

■ 3.9376, 0.2555,
0.2530

311.7879, 0.2991,

■ 1.6387, 0.2374,

0.3103

0.2303

370.3044, 0.2999,
0.3113

0.3835, 0.1918,
0.1637

0.0000, 0.0000,
0.0000

63.0413, 0.2896,
0.2974

63.0413, 0.2896,
0.2974

51.2370, 0.2718,
0.2723

76.4945, 0.3059,
0.3198

41.0099, 0.2528,
0.2446

91.6488, 0.3206,
0.3395

32.2948, 0.2330,
0.2148

98.7794, 0.3244,
0.3483

25.0186, 0.2134,
0.1840

■ 19.1021, 0.1948,
0.1536

■ 14.4584, 0.1786,
0.1253

■ 10.9896, 0.1658,
0.1010

■ 8.5825, 0.1572,
0.0822

■ 7.6438, 0.1540,
0.0744

Harmonies

Analogous

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



63.0413, 0.2790, 0.3024



63.0413, 0.2896, 0.2974



63.0413, 0.3066, 0.3005

Triad

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



63.0413, 0.2896, 0.2974



63.0413, 0.3496, 0.3414



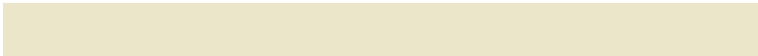
63.0413, 0.2993, 0.3486

Complementary

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



63.0413, 0.2896, 0.2974



77.8955, 0.3353, 0.3587

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.



63.0413, 0.3180, 0.3598



63.0413, 0.2896, 0.2974



63.0413, 0.3474, 0.3549

Square

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



63.0413, 0.2896, 0.2974



63.0413, 0.3416, 0.3253



63.0413, 0.3357, 0.3619



63.0413, 0.2845, 0.3318

Rectangle

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



63.0413, 0.2896, 0.2974



63.0413, 0.3194, 0.3065



63.0413, 0.3357, 0.3619



63.0413, 0.3053, 0.3532

Sweetspot

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



63.0439, 0.2896, 0.2974



92.8833, 0.3066, 0.3208



77.4847, 0.2943, 0.3358



19.6023, 0.3055, 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.



63.0439, 0.2896, 0.2974



72.0198, 0.2851, 0.2912



61.7087, 0.2971, 0.2913



14.9825, 0.2980, 0.3090



4.3837, 0.1546, 0.0764



0.4691, 0.1610, 0.0995

Inverse Universe

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



63.9224, 0.3350, 0.3225



73.3060, 0.3398, 0.3213



79.5286, 0.3268, 0.3658



15.0978, 0.3265, 0.3248



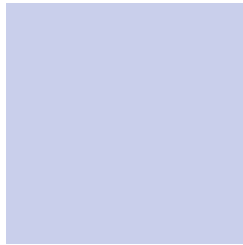
9.9353, 0.6128, 0.3149



0.7928, 0.5766, 0.2950

Previews

White Background



This preview shows how the Yxy color 63.0413, 0.2896, 0.2974 looks on a white background.

Color Contrast Check

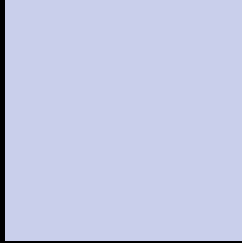
Large Text (above 18pt) WCAG AA × Fail

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 63.0413, 0.2896, 0.2974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

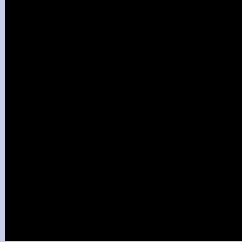
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.0413, 0.2896, 0.2974

Background



This preview shows how black text looks on a background with the Yxy color 63.0413, 0.2896, 0.2974.

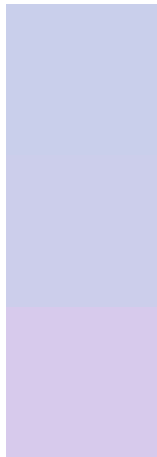


This preview shows how white text looks on a background with the Yxy color 63.0413, 0.2896, 0.2974.

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

63.0413, 0.2896, 0.2974

Protanopia

62.9781, 0.2917, 0.2965

Deuteranopia

62.7443, 0.2988, 0.2917



Tritanopia

63.1793, 0.2947, 0.3106

Trichromacy



Original Color

63.0413, 0.2896, 0.2974

Protanomaly

62.8373, 0.2910, 0.2964

Deuteranomaly

62.9435, 0.2953, 0.2935

Tritanomaly

63.0483, 0.2928, 0.3051

Monochromacy



Original Color

63.0413, 0.2896, 0.2974

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.1528, 0.3036, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0413, 0.2896, 0.2974 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(201, 207, 235)` looks like.

```
.text, #text, p{  
    color:rgb(201, 207, 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(201, 207, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 207, 235) }
```

Border

The CSS property to change the border of an element to Yxy 63.0413, 0.2896, 0.2974 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(201, 207, 235) }
```

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

```
.border{ border-color:rgb(201, 207, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 207, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 207, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 207, 235);  
box-shadow:4px 4px 4px 4px rgb(201, 207,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0413, 0.2896, 0.2974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 207, 235) }
```

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

```
.background{ background-color: rgb(201,  
207, 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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