

Converting Colors

$Yxy(64.9205, 0.2842, 0.2982)$

Have a look what the booklet for
Yxy(64.9205, 0.2842, 0.2982)
contains.

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Color

Yxy(65.0547, 0.2840, 0.2986)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C4D4EF |
| RGB | 196, 212, 239 |
| RGB Percent | 77%, 83%, 94% |
| CMY | 0.2316, 0.1685, 0.0628 |
| CMYK | 0.18, 0.11, 0.00, 0.06 |
| HSL | 218°, 57%, 85% |
| HSV | 218°, 18%, 94% |
| XYZ | 61.8739, 65.0547, 90.9371 |
| YIQ | 210.2940, -18.2030, 5.0050 |

Conversions

Conversions Part 2

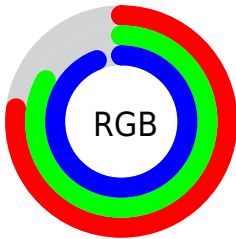
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 196, 208, 239 |
| Decimal | 12899567 |
| CIE Lab | 84.51, 0.10, -15.05 |
| CIE LCh | 85, 15.050, 270.367 |
| Yxy | 65.0547, 0.2840, 0.2986 |
| Android (android.graphics.Color) | 4291089647 (0xFFC4D4EF) |
| YUV | 210.2940, 14.1521, -12.5358 |
| Hunter-Lab | 80.6565, -4.2165, -10.3877 |

Details

The Yxy color **65.0547, 0.2840, 0.2986** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.0486, 0.3427, 0.3576**, and the grayscale version is **64.5613, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **33.2836, 0.2771, 0.2904** is the 20% darker color. If you saturate the color by 10%, you get **54.9643, 0.2669, 0.2790**, and if you desaturate by 10%, it is **76.3545, 0.3003, 0.3163**.

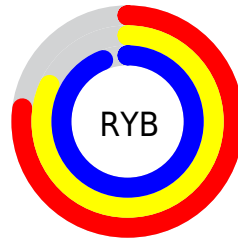
Distribution



Red (77%)

Green (83%)

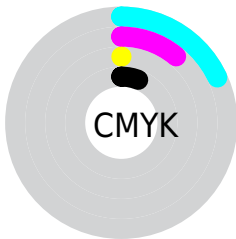
Blue (94%)



Red (77%)

Yellow (82%)

Blue (94%)

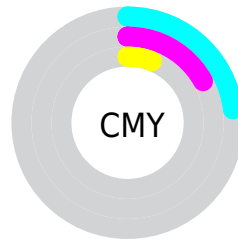


Cyan (18%)

Magenta (11%)

Yellow (0%)

Black (6%)



Cyan (23%)

Magenta (17%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.0547, 0.2840, 0.2986 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 65.0547, 0.2840, 0.2986 by changing the saturation by 10% instead.

■ 65.0547, 0.2840,
0.2986

■ 65.0547, 0.2840,
0.2986

442.9885, 0.2975,
0.3129

■ 47.5054, 0.2809,
0.2953

112.1285, 0.2887,
0.3036

■ 33.4354, 0.2770,
0.2912

142.4218, 0.2905,
0.3055

■ 22.4602, 0.2721,
0.2860

177.7319, 0.2921,
0.3072

■ 14.1954, 0.2656,
0.2791

218.4433, 0.2935,
0.3086

■ 8.2567, 0.2567,
0.2697

264.9402, 0.2946,
0.3099

■ 4.2597, 0.2437,
0.2559

317.6071, 0.2957,

■ 1.8198, 0.2231,

0.3110

0.2343

376.8284, 0.2966,
0.3120

0.4995, 0.1754,
0.1836

0.0000, 0.0000,
0.0000

65.0547, 0.2840,
0.2986

65.0547, 0.2840,
0.2986

54.9643, 0.2669,
0.2790

76.3545, 0.3003,
0.3163

46.0325, 0.2493,
0.2575

88.8963, 0.3157,
0.3320

38.2162, 0.2317,
0.2344

99.0106, 0.3220,
0.3444

31.4665, 0.2147,
0.2103

■ 25.7301, 0.1991,
0.1858

■ 20.9484, 0.1856,
0.1619

■ 17.0548, 0.1747,
0.1395

■ 13.9649, 0.1669,
0.1196

■ 13.4256, 0.1655,
0.1159

Harmonies

Analogous

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



65.0547, 0.2771, 0.3070



65.0547, 0.2840, 0.2986



65.0547, 0.2986, 0.2982

Triad

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



65.0547, 0.2840, 0.2986



65.0547, 0.3473, 0.3344



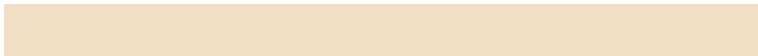
65.0547, 0.3073, 0.3544

Complementary

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



65.0547, 0.2840, 0.2986



75.0486, 0.3427, 0.3576

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.



65.0547, 0.3262, 0.3619



65.0547, 0.2840, 0.2986



65.0547, 0.3497, 0.3496

Square

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



65.0547, 0.2840, 0.2986



65.0547, 0.3353, 0.3185



65.0547, 0.3418, 0.3599



65.0547, 0.2902, 0.3395

Rectangle

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



65.0547, 0.2840, 0.2986



65.0547, 0.3109, 0.3022



65.0547, 0.3418, 0.3599



65.0547, 0.3136, 0.3579

Sweetspot

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



65.0574, 0.2840, 0.2986



92.6719, 0.3050, 0.3212



78.7465, 0.2949, 0.3473



19.6215, 0.3039, 0.3200



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.



65.0574, 0.2840, 0.2986



70.4633, 0.2771, 0.2908



58.0971, 0.2866, 0.2804



16.1964, 0.2980, 0.3138



7.6522, 0.1663, 0.1188



0.8215, 0.1736, 0.1450

Inverse Universe

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



62.5552, 0.3350, 0.3119



67.2209, 0.3413, 0.3078



83.1865, 0.3363, 0.3743



15.8565, 0.3234, 0.3202



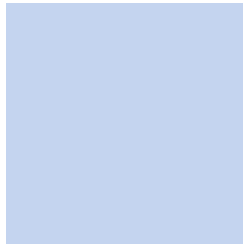
10.5658, 0.5483, 0.2794



0.8976, 0.5125, 0.2597

Previews

White Background



This preview shows how the Yxy color 65.0547, 0.2840, 0.2986 looks on a white background.

Color Contrast Check

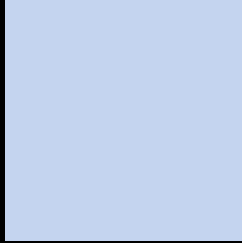
Large Text (above 18pt) WCAG AA × Fail

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 65.0547, 0.2840, 0.2986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

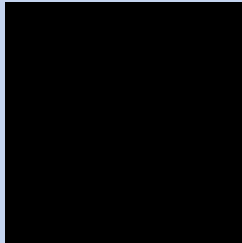
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

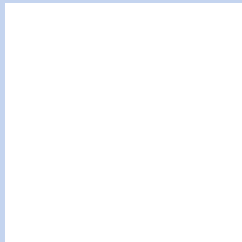
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.0547, 0.2840, 0.2986

Background



This preview shows how black text looks on a background with the Yxy color 65.0547, 0.2840, 0.2986.



This preview shows how white text looks on a background with the Yxy color 65.0547, 0.2840, 0.2986.

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

65.0547, 0.2840, 0.2986

Protanopia

64.9808, 0.2926, 0.2979

Deuteranopia

64.7056, 0.2977, 0.2910



Tritanopia

64.7710, 0.2882, 0.3095

Trichromacy



Original Color

65.0547, 0.2840, 0.2986

Protanomaly

64.9627, 0.2893, 0.2978

Deuteranomaly

64.9583, 0.2921, 0.2938

Tritanomaly

65.0738, 0.2871, 0.3062

Monochromacy



Original Color

65.0547, 0.2840, 0.2986

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.7881, 0.3016, 0.3176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0547, 0.2840, 0.2986 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, 212, 239)` looks like.

```
.text, #text, p{  
    color:rgb(196, 212, 239)  
}
```

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, 212, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 212, 239) }
```

Border

The CSS property to change the border of an element to Yxy 65.0547, 0.2840, 0.2986 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, 212, 239) }
```

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

```
.border{ border-color:rgb(196, 212, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 212, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 212, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 212, 239);  
box-shadow:4px 4px 4px 4px rgb(196, 212,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0547, 0.2840, 0.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 212, 239) }
```

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

```
.background{ background-color: rgb(196,  
212, 239) }
```

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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