

Converting Colors

$Yxy(63.9333, 0.2785, 0.2795)$

Have a look what the booklet for
Yxy(63.9333, 0.2785, 0.2795)
contains.

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Color

Yxy(63.9333, 0.2785, 0.2795)

Conversions

Conversions Part 1

Format	Color
Hex	C8CFFC
RGB	200, 207, 252
RGB Percent	78%, 81%, 99%
CMY	0.2157, 0.1882, 0.0116
CMYK	0.21, 0.18, 0.00, 0.01
HSL	232°, 90%, 89%
HSV	232°, 21%, 99%
XYZ	63.7046, 63.9333, 101.1038
YIQ	210.0370, -18.6170, 12.5110

Conversions

Conversions Part 2

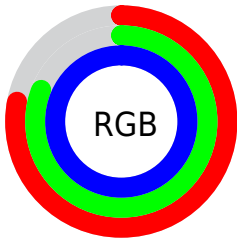
Format	Color
R _Y B	200, 206, 252
Decimal	13160444
CIE Lab	83.93, 6.83, -22.82
CIE LCh	84, 23.825, 286.666
Yxy	63.9333, 0.2785, 0.2795
Android (android.graphics.Color)	4291350524 (0xFFC8CFFC)
YUV	210.0370, 20.6878, -8.8024
Hunter-Lab	79.9583, 2.2879, -18.9988

Details

The Yxy color **63.9333, 0.2785, 0.2795** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **90.1878, 0.3453, 0.3741**, and the grayscale version is **64.3466, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.7423, 0.2701, 0.2687** is the 20% darker color. If you saturate the color by 10%, you get **50.9000, 0.2595, 0.2511**, and if you desaturate by 10%, it is **79.0031, 0.2960, 0.3050**.

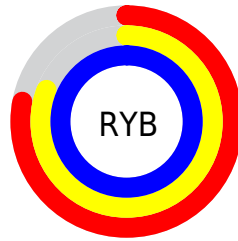
Distribution



Red (78%)

Green (81%)

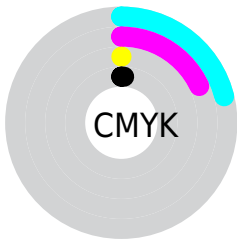
Blue (99%)



Red (78%)

Yellow (81%)

Blue (99%)

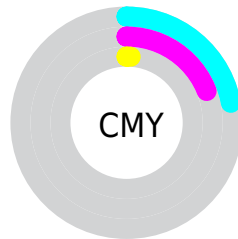


Cyan (21%)

Magenta (18%)

Yellow (0%)

Black (1%)



Cyan (22%)

Magenta (19%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.9333, 0.2785, 0.2795 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 63.9333, 0.2785, 0.2795 by changing the saturation by 10% instead.

■ 63.9333, 0.2785,
0.2795

■ 63.9333, 0.2785,
0.2795

438.9487, 0.2946,
0.3024

■ 46.5967, 0.2748,
0.2743

110.5149, 0.2842,
0.2874

■ 32.7169, 0.2701,
0.2679

140.5286, 0.2863,
0.2905

■ 21.9097, 0.2642,
0.2599

175.5368, 0.2882,
0.2932

■ 13.7905, 0.2564,
0.2494

215.9238, 0.2898,
0.2955

■ 7.9751, 0.2457,
0.2354

262.0742, 0.2913,
0.2975

■ 4.0790, 0.2303,
0.2156

314.3722, 0.2925,

■ 1.7179, 0.2064,

0.2993

0.1860

373.2022, 0.2936,
0.3009

0.4352, 0.1630,
0.1222

0.0000, 0.0000,
0.0000

63.9333, 0.2785,
0.2795

63.9333, 0.2785,
0.2795

50.9000, 0.2595,
0.2511

79.0031, 0.2960,
0.3050

39.8079, 0.2395,
0.2204

96.1837, 0.3118,
0.3276

30.5659, 0.2191,
0.1884

99.8103, 0.3144,
0.3318

23.0720, 0.1995,
0.1564

■ 17.2146, 0.1819,
0.1265

■ 12.8687, 0.1677,
0.1007

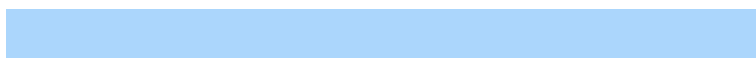
■ 9.8907, 0.1578,
0.0809

■ 8.1721, 0.1524,
0.0686

Harmonies

Analogous

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



63.9333, 0.2610, 0.2853



63.9333, 0.2785, 0.2795



63.9333, 0.3058, 0.2858

Triad

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



63.9333, 0.2785, 0.2795



63.9333, 0.3723, 0.3503



63.9333, 0.2883, 0.3580

Complementary

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



63.9333, 0.2785, 0.2795



90.1878, 0.3453, 0.3741

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.



63.9333, 0.3174, 0.3777



63.9333, 0.2785, 0.2795



63.9333, 0.3666, 0.3713

Square

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



63.9333, 0.2785, 0.2795



63.9333, 0.3610, 0.3253



63.9333, 0.3462, 0.3821



63.9333, 0.2663, 0.3299

Rectangle

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



63.9333, 0.2785, 0.2795



63.9333, 0.3262, 0.2958



63.9333, 0.3462, 0.3821



63.9333, 0.2975, 0.3660

Sweetspot

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



63.9359, 0.2785, 0.2795



89.0553, 0.3035, 0.3159



88.4645, 0.2859, 0.3372



18.8168, 0.3025, 0.3144



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.



63.9359, 0.2785, 0.2795



59.5634, 0.2704, 0.2674



63.2719, 0.2906, 0.2736



17.0200, 0.2979, 0.3078



4.3748, 0.1529, 0.0703



0.5181, 0.1575, 0.0871

Inverse Universe

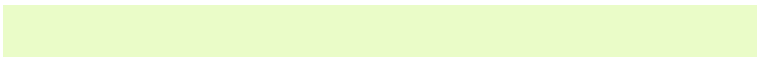
The Inverse Universe completely reimagines the original color for something new.



66.5111, 0.3488, 0.3218



62.7934, 0.3587, 0.3202



91.2723, 0.3318, 0.3827



17.2633, 0.3273, 0.3258



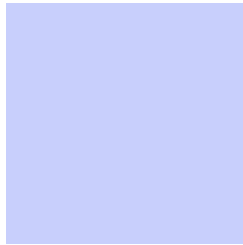
10.8525, 0.6227, 0.3204



1.0165, 0.5957, 0.3055

Previews

White Background



This preview shows how the Yxy color 63.9333, 0.2785, 0.2795 looks on a white background.

Color Contrast Check

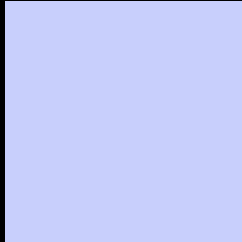
Large Text (above 18pt) WCAG AA × Fail

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 63.9333, 0.2785, 0.2795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

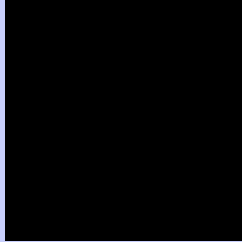
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.9333, 0.2785, 0.2795

Background



This preview shows how black text looks on a background with the Yxy color 63.9333, 0.2785, 0.2795.



This preview shows how white text looks on a background with the Yxy color 63.9333, 0.2785, 0.2795.

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

63.9333, 0.2785, 0.2795

Protanopia

63.7960, 0.2779, 0.2794

Deuteranopia

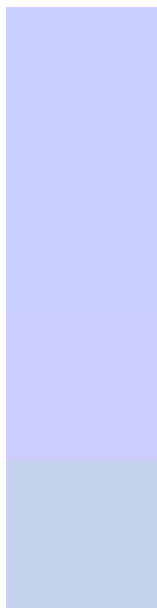
63.6875, 0.2831, 0.2759



Tritanopia

63.7921, 0.2901, 0.3094

Trichromacy



Original Color

63.9333, 0.2785, 0.2795

Protanomaly

63.7960, 0.2779, 0.2794

Deuteranomaly

63.7336, 0.2811, 0.2768

Tritanomaly

64.0779, 0.2858, 0.2985

Monochromacy



Original Color

63.9333, 0.2785, 0.2795

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.1590, 0.2997, 0.3109

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9333, 0.2785, 0.2795 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(200, 207, 252)` looks like.

```
.text, #text, p{  
    color:rgb(200, 207, 252)  
}
```

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(200, 207, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 207, 252) }
```

Border

The CSS property to change the border of an element to Yxy 63.9333, 0.2785, 0.2795 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(200, 207, 252) }
```

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

```
.border{ border-color:rgb(200, 207, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 207, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 207, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 207, 252);  
box-shadow:4px 4px 4px 4px rgb(200, 207,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9333, 0.2785, 0.2795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 207, 252) }
```

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

```
.background{ background-color: rgb(200,  
207, 252) }
```

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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