

Converting Colors

$Yxy(66.0393, 0.2890, 0.2987)$

Have a look what the booklet for
Yxy(66.0393, 0.2890, 0.2987)
contains.

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Color

Yxy(66.1563, 0.2894, 0.2990)

Conversions

Conversions Part 1

Format	Color
Hex	CCD4EF
RGB	204, 212, 239
RGB Percent	80%, 83%, 94%
CMY	0.1999, 0.1686, 0.0627
CMYK	0.15, 0.11, 0.00, 0.06
HSL	226°, 52%, 87%
HSV	226°, 15%, 94%
XYZ	64.0322, 66.1563, 91.0700
YIQ	212.6860, -13.4350, 6.7010

Conversions

Conversions Part 2

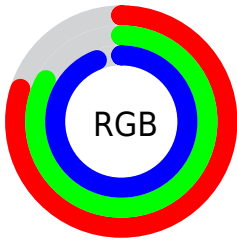
Format	Color
R _Y B	204, 211, 239
Decimal	13423855
CIE Lab	85.08, 2.65, -14.17
CIE LCh	85, 14.414, 280.578
Yxy	66.1563, 0.2894, 0.2990
Android (android.graphics.Color)	4291613935 (0xFFCCD4EF)
YUV	212.6860, 12.9728, -7.6176
Hunter-Lab	81.3365, -1.8147, -9.4496

Details

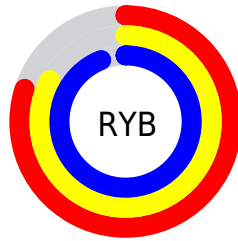
The Yxy color **66.1563, 0.2894, 0.2990** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.8945, 0.3359, 0.3573**, and the grayscale version is **66.2419, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.0169, 0.2841, 0.2912** is the 20% darker color. If you saturate the color by 10%, you get **54.3294, 0.2718, 0.2754**, and if you desaturate by 10%, it is **79.5619, 0.3057, 0.3201**.

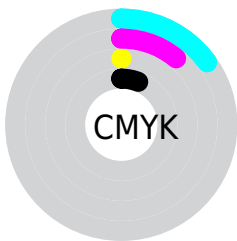
Distribution



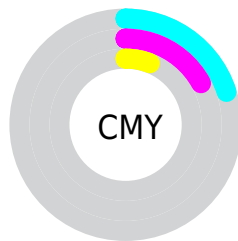
- Red (80%)
- Green (83%)
- Blue (94%)



- Red (80%)
- Yellow (83%)
- Blue (94%)



- Cyan (15%)
- Magenta (11%)
- Yellow (0%)
- Black (6%)



- Cyan (20%)
- Magenta (17%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.1563, 0.2894, 0.2990 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 66.1563, 0.2894, 0.2990 by changing the saturation by 10% instead.

■ 66.1563, 0.2894,
0.2990

■ 66.1563, 0.2894,
0.2990

446.9357, 0.3004,
0.3130

■ 48.3993, 0.2869,
0.2958

113.7106, 0.2932,
0.3039

■ 34.1432, 0.2837,
0.2918

144.2768, 0.2947,
0.3058

■ 23.0036, 0.2797,
0.2868

179.8814, 0.2960,
0.3074

■ 14.5962, 0.2744,
0.2801

220.9089, 0.2971,
0.3088

■ 8.5365, 0.2671,
0.2711

267.7437, 0.2981,
0.3100

■ 4.4401, 0.2564,
0.2580

320.7701, 0.2989,

■ 1.9227, 0.2395,

0.3111

0.2376

380.3727, 0.2997,
0.3121

0.5620, 0.2054,
0.1928

0.0000, 0.0000,
0.0000

66.1563, 0.2894,
0.2990

66.1563, 0.2894,
0.2990

54.3294, 0.2718,
0.2754

79.5619, 0.3057,
0.3201

44.0142, 0.2531,
0.2494

94.5938, 0.3205,
0.3387

35.1506, 0.2339,
0.2214

99.0131, 0.3220,
0.3444

27.6715, 0.2148,
0.1922

■ 21.5040, 0.1968,
0.1630

■ 16.5685, 0.1810,
0.1353

■ 12.7755, 0.1684,
0.1108

■ 10.0215, 0.1595,
0.0909

■ 8.9125, 0.1562,
0.0823

Harmonies

Analogous

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



66.1563, 0.2800, 0.3046



66.1563, 0.2894, 0.2990



66.1563, 0.3051, 0.3012

Triad

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



66.1563, 0.2894, 0.2990



66.1563, 0.3475, 0.3394



66.1563, 0.3016, 0.3490

Complementary

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



66.1563, 0.2894, 0.2990



79.8945, 0.3359, 0.3573

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.



66.1563, 0.3195, 0.3589



66.1563, 0.2894, 0.2990



66.1563, 0.3464, 0.3527

Square

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



66.1563, 0.2894, 0.2990



66.1563, 0.3390, 0.3240



66.1563, 0.3360, 0.3600



66.1563, 0.2869, 0.3333

Rectangle

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



66.1563, 0.2894, 0.2990



66.1563, 0.3173, 0.3066



66.1563, 0.3360, 0.3600



66.1563, 0.3074, 0.3531

Sweetspot

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



66.1590, 0.2894, 0.2990



93.1934, 0.3066, 0.3213



80.3467, 0.2951, 0.3378



19.6805, 0.3055, 0.3198



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.



66.1590, 0.2894, 0.2990



71.7425, 0.2835, 0.2912



63.6308, 0.2957, 0.2907



15.8127, 0.2980, 0.3102



5.0869, 0.1568, 0.0846



0.5687, 0.1635, 0.1084

Inverse Universe

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



66.3053, 0.3340, 0.3206



72.0537, 0.3400, 0.3185



82.8767, 0.3282, 0.3661



15.8178, 0.3257, 0.3236



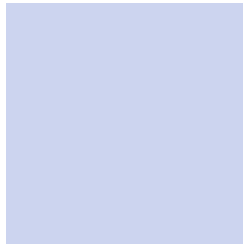
10.3069, 0.5996, 0.3077



0.8721, 0.5633, 0.2877

Previews

White Background



This preview shows how the Yxy color 66.1563, 0.2894, 0.2990 looks on a white background.

Color Contrast Check

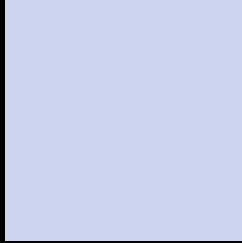
Large Text (above 18pt) WCAG AA × Fail

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 66.1563, 0.2894, 0.2990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

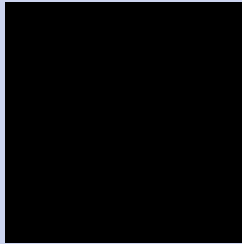
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.1563, 0.2894, 0.2990

Background



This preview shows how black text looks on a background with the Yxy color 66.1563, 0.2894, 0.2990.

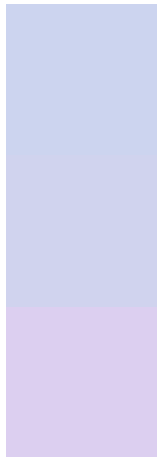


This preview shows how white text looks on a background with the Yxy color 66.1563, 0.2894, 0.2990.

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

66.1563, 0.2894, 0.2990

Protanopia

66.1715, 0.2927, 0.2992

Deuteranopia

66.1326, 0.2998, 0.2935



Tritanopia

65.8582, 0.2937, 0.3098

Trichromacy



Original Color

66.1563, 0.2894, 0.2990

Protanomaly

66.0270, 0.2920, 0.2991

Deuteranomaly

66.1883, 0.2956, 0.2953

Tritanomaly

66.1682, 0.2925, 0.3066

Monochromacy



Original Color

66.1563, 0.2894, 0.2990

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.5641, 0.3045, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1563, 0.2894, 0.2990 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(204, 212, 239)` looks like.

```
.text, #text, p{  
    color:rgb(204, 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(204, 212, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 212, 239) }
```

Border

The CSS property to change the border of an element to Yxy 66.1563, 0.2894, 0.2990 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(204, 212, 239) }
```

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

```
.border{ border-color:rgb(204, 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(204, 212, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 212, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 212, 239);  
box-shadow:4px 4px 4px 4px rgb(204, 212,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1563, 0.2894, 0.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 212, 239) }
```

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

```
.background{ background-color: rgb(204,  
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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