

Converting Colors

$Yxy(66.0095, 0.2978, 0.3100)$

Have a look what the booklet for
Yxy(66.0095, 0.2978, 0.3100)
contains.

Yxy(66.0095, 0.2978, 0.3100)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.0095, 0.2978, 0.3100)

Conversions

Conversions Part 1

Format	Color
Hex	CFD4E5
RGB	207, 212, 229
RGB Percent	81%, 83%, 90%
CMY	0.1883, 0.1686, 0.1020
CMYK	0.10, 0.07, 0.00, 0.10
HSL	226°, 30%, 85%
HSV	226°, 10%, 90%
XYZ	63.4117, 66.0095, 83.5127
YIQ	212.4430, -8.4370, 4.2270

Conversions

Conversions Part 2

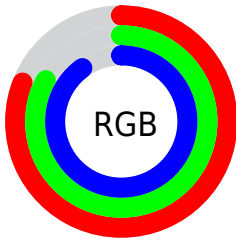
Format	Color
R _Y B	207, 211, 229
Decimal	13620453
CIE Lab	85.00, 1.55, -8.93
CIE LCh	85, 9.067, 279.830
Yxy	66.0095, 0.2978, 0.3100
Android (android.graphics.Color)	4291810533 (0xFFCFD4E5)
YUV	212.4430, 8.1626, -4.7735
Hunter-Lab	81.2462, -2.8638, -4.0716

Details

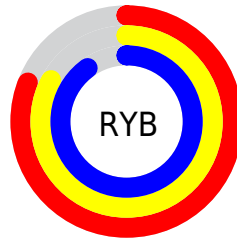
The Yxy color **66.0095, 0.2978, 0.3100** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.4422, 0.3276, 0.3473**, and the grayscale version is **66.0963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.9422, 0.2941, 0.3040** is the 20% darker color. If you saturate the color by 10%, you get **54.5977, 0.2809, 0.2878**, and if you desaturate by 10%, it is **78.8708, 0.3133, 0.3297**.

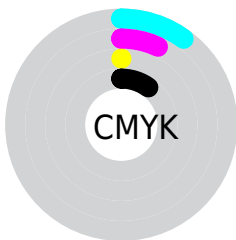
Distribution



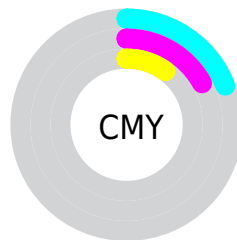
- Red (81%)
- Green (83%)
- Blue (90%)



- Red (81%)
- Yellow (83%)
- Blue (90%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (19%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.0095, 0.2978, 0.3100 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 66.0095, 0.2978, 0.3100 by changing the saturation by 10% instead.

■ 66.0095, 0.2978,
0.3100

■ 66.0095, 0.2978,
0.3100

446.4109, 0.3048,
0.3189

■ 48.2801, 0.2962,
0.3079

113.5000, 0.3003,
0.3131

■ 34.0488, 0.2941,
0.3054

144.0298, 0.3012,
0.3143

■ 22.9311, 0.2915,
0.3021

179.5953, 0.3020,
0.3153

■ 14.5426, 0.2881,
0.2978

220.5808, 0.3027,
0.3162

■ 8.4990, 0.2833,
0.2919

267.3707, 0.3034,
0.3170

■ 4.4159, 0.2763,
0.2832

320.3495, 0.3039,

■ 1.9088, 0.2648,

0.3177

0.2692

379.9014, 0.3044,
0.3184

0.5537, 0.2380,
0.2336

0.0000, 0.0000,
0.0000

66.0095, 0.2978,
0.3100

66.0095, 0.2978,
0.3100

54.5977, 0.2809,
0.2878

78.8708, 0.3133,
0.3297

44.5757, 0.2628,
0.2630

93.2222, 0.3273,
0.3470

35.8917, 0.2438,
0.2360

98.4361, 0.3280,
0.3542

28.4875, 0.2246,
0.2075

■ 22.3005, 0.2060,
0.1782

■ 17.2623, 0.1889,
0.1496

■ 13.2976, 0.1746,
0.1233

■ 10.3206, 0.1637,
0.1009

■ 8.2149, 0.1566,
0.0834

Harmonies

Analogous

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



66.0095, 0.2919, 0.3138



66.0095, 0.2978, 0.3100



66.0095, 0.3077, 0.3112

Triad

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



66.0095, 0.2978, 0.3100



66.0095, 0.3345, 0.3355



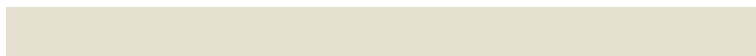
66.0095, 0.3060, 0.3416

Complementary

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



66.0095, 0.2978, 0.3100



74.4422, 0.3276, 0.3473

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.



66.0095, 0.3174, 0.3477



66.0095, 0.2978, 0.3100



66.0095, 0.3339, 0.3439

Square

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



66.0095, 0.2978, 0.3100



66.0095, 0.3290, 0.3257



66.0095, 0.3276, 0.3484



66.0095, 0.2966, 0.3321

Rectangle

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



66.0095, 0.2978, 0.3100



66.0095, 0.3154, 0.3145



66.0095, 0.3276, 0.3484



66.0095, 0.3098, 0.3442

Sweetspot

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



66.0123, 0.2978, 0.3100



94.8711, 0.3082, 0.3233



74.6642, 0.3011, 0.3346



20.0191, 0.3069, 0.3217



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.



66.0123, 0.2978, 0.3100



80.5074, 0.2938, 0.3048



64.3955, 0.3020, 0.3046



14.4194, 0.2980, 0.3103



4.8089, 0.1570, 0.0851



0.4940, 0.1645, 0.1121

Inverse Universe

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



66.0252, 0.3259, 0.3236



80.5787, 0.3297, 0.3221



76.2382, 0.3228, 0.3529



14.4217, 0.3257, 0.3236



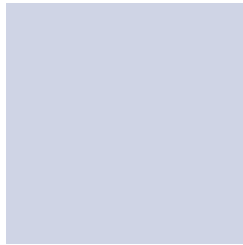
9.6832, 0.5989, 0.3073



0.7295, 0.5580, 0.2848

Previews

White Background



This preview shows how the Yxy color 66.0095, 0.2978, 0.3100 looks on a white background.

Color Contrast Check

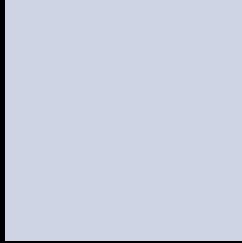
Large Text (above 18pt) WCAG AA × Fail

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 66.0095, 0.2978, 0.3100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

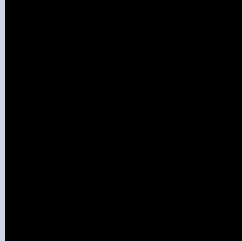
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

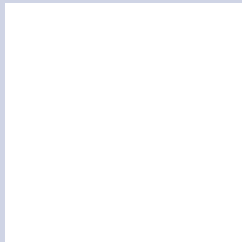
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.0095, 0.2978, 0.3100

Background



This preview shows how black text looks on a background with the Yxy color 66.0095, 0.2978, 0.3100.

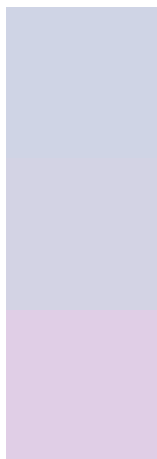


This preview shows how white text looks on a background with the Yxy color 66.0095, 0.2978, 0.3100.

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

66.0095, 0.2978, 0.3100

Protanopia

66.0389, 0.3013, 0.3101

Deuteranopia

65.7031, 0.3095, 0.3030



Tritanopia

66.0095, 0.2978, 0.3100

Trichromacy



Original Color

66.0095, 0.2978, 0.3100

Protanomaly

65.8916, 0.3006, 0.3101

Deuteranomaly

65.7303, 0.3050, 0.3049

Tritanomaly

66.0095, 0.2978, 0.3100

Monochromacy



Original Color

66.0095, 0.2978, 0.3100

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.8506, 0.3072, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0095, 0.2978, 0.3100 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(207, 212, 229)` looks like.

```
.text, #text, p{  
    color:rgb(207, 212, 229)  
}
```

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(207, 212, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 212, 229) }
```

Border

The CSS property to change the border of an element to Yxy 66.0095, 0.2978, 0.3100 is called "border". The border property can be set on classes, ids or directly on the HTML element.

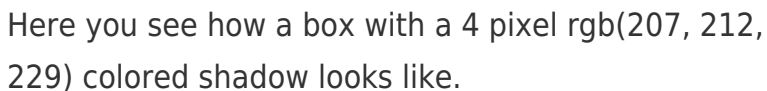
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 212, 229) }
```

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

```
.border{ border-color:rgb(207, 212, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 212, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 212, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 212, 229); box-shadow:4px 4px 4px 4px rgb(207, 212, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0095, 0.2978, 0.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 212, 229) }
```

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

```
.background{ background-color: rgb(207,  
212, 229) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor