

Converting Colors

Yxy(65.4872, 0.2996, 0.3123)

Have a look what the booklet for
Yxy(65.4872, 0.2996, 0.3123)
contains.

Yxy(65.3449, 0.2997, 0.3121)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.3449, 0.2997, 0.3121)

Conversions

Conversions Part 1

Format	Color
Hex	CFD3E2
RGB	207, 211, 226
RGB Percent	81%, 83%, 89%
CMY	0.1884, 0.1725, 0.1136
CMYK	0.08, 0.07, 0.00, 0.11
HSL	227°, 25%, 85%
HSV	227°, 8%, 89%
XYZ	62.7487, 65.3449, 81.2781
YIQ	211.5140, -7.1990, 3.8170

Conversions

Conversions Part 2

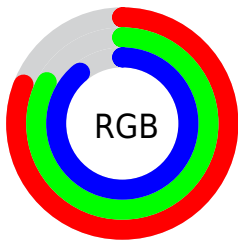
Format	Color
R_{YB}	207, 210, 226
Decimal	13620194
CIE Lab	84.66, 1.49, -7.87
CIE LCh	85, 8.012, 280.689
Yxy	65.3449, 0.2997, 0.3121
Android (android.graphics.Color)	4291810274 (0xFFCFD3E2)
YUV	211.5140, 7.1416, -3.9588
Hunter-Lab	80.8362, -2.9036, -3.0288

Details

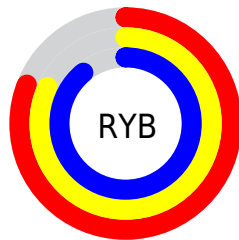
The Yxy color **65.3449, 0.2997, 0.3121** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.9081, 0.3256, 0.3454**, and the grayscale version is **65.4534, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.8265, 0.2966, 0.3083** is the 20% darker color. If you saturate the color by 10%, you get **53.9615, 0.2829, 0.2897**, and if you desaturate by 10%, it is **78.1793, 0.3150, 0.3319**.

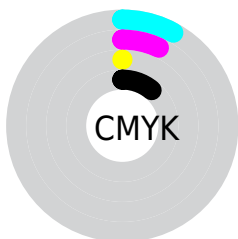
Distribution



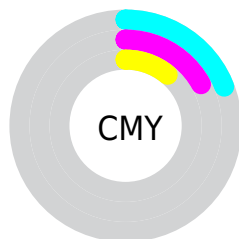
- Red (81%)
- Green (83%)
- Blue (89%)



- Red (81%)
- Yellow (82%)
- Blue (89%)



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (19%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.3449, 0.2997, 0.3121 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 65.3449, 0.2997, 0.3121 by changing the saturation by 10% instead.

■ 65.3449, 0.2997,
0.3121

■ 65.3449, 0.2997,
0.3121

444.0304, 0.3058,
0.3200

■ 47.7408, 0.2983,
0.3103

112.5456, 0.3019,
0.3149

■ 33.6217, 0.2965,
0.3080

142.9109, 0.3027,
0.3160

■ 22.6031, 0.2942,
0.3050

178.2988, 0.3034,
0.3169

■ 14.3007, 0.2912,
0.3012

219.0937, 0.3040,
0.3177

■ 8.3301, 0.2869,
0.2958

265.6799, 0.3046,
0.3184

■ 4.3069, 0.2807,
0.2879

318.4418, 0.3050,

■ 1.8467, 0.2705,

0.3190

0.2752

377.7638, 0.3055,
0.3195

0.5160, 0.2436,
0.2386

0.0000, 0.0000,
0.0000

65.3449, 0.2997,
0.3121

65.3449, 0.2997,
0.3121

53.9615, 0.2829,
0.2897

78.1793, 0.3150,
0.3319

43.9692, 0.2649,
0.2647

92.5051, 0.3288,
0.3493

35.3164, 0.2458,
0.2374

98.2727, 0.3297,
0.3571

27.9446, 0.2264,
0.2084

■ 21.7914, 0.2075,
0.1787

■ 16.7884, 0.1901,
0.1496

■ 12.8605, 0.1752,
0.1228

■ 9.9225, 0.1639,
0.1000

■ 7.8665, 0.1565,
0.0824

Harmonies

Analogous

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



65.3449, 0.2943, 0.3154



65.3449, 0.2997, 0.3121



65.3449, 0.3086, 0.3132

Triad

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



65.3449, 0.2997, 0.3121



65.3449, 0.3320, 0.3351



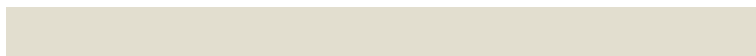
65.3449, 0.3065, 0.3400

Complementary

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



65.3449, 0.2997, 0.3121



72.9081, 0.3256, 0.3454

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.



65.3449, 0.3166, 0.3454



65.3449, 0.2997, 0.3121



65.3449, 0.3314, 0.3424

Square

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



65.3449, 0.2997, 0.3121



65.3449, 0.3274, 0.3263



65.3449, 0.3257, 0.3463



65.3449, 0.2982, 0.3315

Rectangle

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



65.3449, 0.2997, 0.3121



65.3449, 0.3154, 0.3163



65.3449, 0.3257, 0.3463



65.3449, 0.3098, 0.3422

Sweetspot

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



65.3477, 0.2997, 0.3121



94.7940, 0.3082, 0.3232



72.9377, 0.3023, 0.3336



19.9984, 0.3069, 0.3216



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.



65.3477, 0.2997, 0.3121



83.3302, 0.2971, 0.3086



64.1509, 0.3036, 0.3077



13.7129, 0.2981, 0.3100



4.4799, 0.1562, 0.0823



0.4406, 0.1640, 0.1104

Inverse Universe

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



65.4845, 0.3243, 0.3246



83.5692, 0.3268, 0.3237



74.2262, 0.3213, 0.3499



13.7480, 0.3259, 0.3240



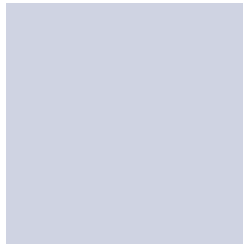
9.3603, 0.6033, 0.3097



0.6619, 0.5604, 0.2861

Previews

White Background



This preview shows how the Yxy color 65.3449, 0.2997, 0.3121 looks on a white background.

Color Contrast Check

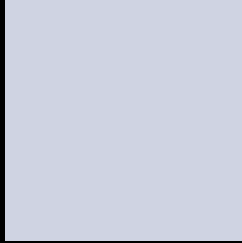
Large Text (above 18pt) WCAG AA × Fail

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 65.3449, 0.2997, 0.3121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

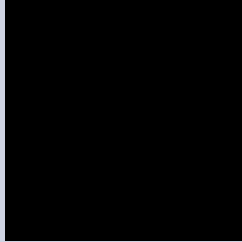
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

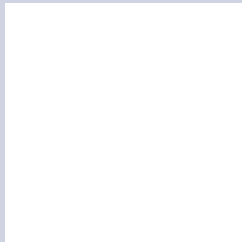
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.3449, 0.2997, 0.3121

Background



This preview shows how black text looks on a background with the Yxy color 65.3449, 0.2997, 0.3121.

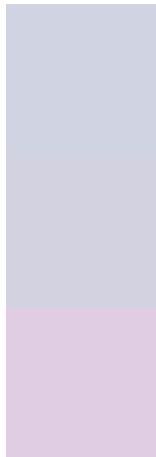


This preview shows how white text looks on a background with the Yxy color 65.3449, 0.2997, 0.3121.

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

65.3449, 0.2997, 0.3121

Protanopia

65.3783, 0.3033, 0.3122

Deuteranopia

65.0560, 0.3116, 0.3051



Tritanopia

65.4000, 0.2991, 0.3110

Trichromacy



Original Color

65.3449, 0.2997, 0.3121

Protanomaly

65.2311, 0.3026, 0.3122

Deuteranomaly

65.0771, 0.3071, 0.3070

Tritanomaly

65.4000, 0.2991, 0.3110

Monochromacy



Original Color

65.3449, 0.2997, 0.3121

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.7984, 0.3079, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3449, 0.2997, 0.3121 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, 211, 226)` looks like.

```
.text, #text, p{  
    color:rgb(207, 211, 226)  
}
```

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, 211, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 211, 226) }
```

Border

The CSS property to change the border of an element to Yxy 65.3449, 0.2997, 0.3121 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, 211, 226) }
```

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

```
.border{ border-color:rgb(207, 211, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 211, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 211, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 211, 226);  
box-shadow:4px 4px 4px 4px rgb(207, 211,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3449, 0.2997, 0.3121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 211, 226) }
```

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

```
.background{ background-color: rgb(207,  
211, 226) }
```

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