

Converting Colors

Yxy(69.9461, 0.3020, 0.3169)

Have a look what the booklet for
Yxy(69.9461, 0.3020, 0.3169)
contains.

Yxy(69.9461, 0.3020, 0.3169)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.9461, 0.3020, 0.3169)

Conversions

Conversions Part 1

Format	Color
Hex	D5DAE5
RGB	213, 218, 229
RGB Percent	84%, 85%, 90%
CMY	0.1647, 0.1451, 0.1020
CMYK	0.07, 0.05, 0.00, 0.10
HSL	221°, 24%, 87%
HSV	221°, 7%, 90%
XYZ	66.6574, 69.9461, 84.1163
YIQ	217.7590, -6.5110, 2.3610

Conversions

Conversions Part 2

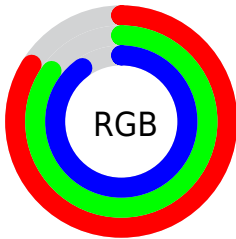
Format	Color
R _Y B	213, 217, 229
Decimal	14015205
CIE Lab	86.97, 0.39, -5.98
CIE LCh	87, 5.992, 273.738
Yxy	69.9461, 0.3020, 0.3169
Android (android.graphics.Color)	4292205285 (0xFFD5DAE5)
YUV	217.7590, 5.5418, -4.1736
Hunter-Lab	83.6338, -4.0920, -1.0884

Details

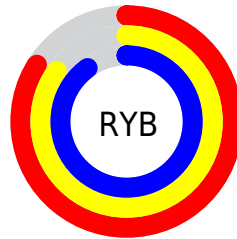
The Yxy color **69.9461, 0.3020, 0.3169** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.7815, 0.3235, 0.3408**, and the grayscale version is **69.9038, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.5195, 0.2987, 0.3132** is the 20% darker color. If you saturate the color by 10%, you get **58.9757, 0.2857, 0.2977**, and if you desaturate by 10%, it is **82.1828, 0.3172, 0.3339**.

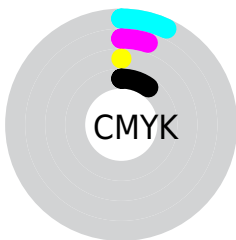
Distribution



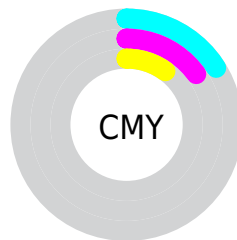
- Red (84%)
- Green (85%)
- Blue (90%)



- Red (84%)
- Yellow (85%)
- Blue (90%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)



- Cyan (16%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.9461, 0.3020, 0.3169 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 69.9461, 0.3020, 0.3169 by changing the saturation by 10% instead.

■ 69.9461, 0.3020,
0.3169

■ 69.9461, 0.3020,
0.3169

460.3607, 0.3070,
0.3225

■ 51.4826, 0.3009,
0.3156

119.1319, 0.3037,
0.3189

■ 36.5928, 0.2994,
0.3140

150.6230, 0.3044,
0.3196

■ 24.8924, 0.2976,
0.3120

187.2253, 0.3050,
0.3203

■ 15.9969, 0.2952,
0.3093

229.3234, 0.3055,
0.3208

■ 9.5220, 0.2919,
0.3056

277.3016, 0.3059,
0.3213

■ 5.0832, 0.2872,
0.3002

331.5443, 0.3063,

■ 2.2961, 0.2795,

0.3218

0.2917

392.4359, 0.3067,
0.3222

0.7717, 0.2650,
0.2752

0.0000, 0.0000,
0.0000

69.9461, 0.3020,
0.3169

69.9461, 0.3020,
0.3169

58.9757, 0.2857,
0.2977

82.1828, 0.3172,
0.3339

49.2209, 0.2683,
0.2763

94.9859, 0.3286,
0.3490

40.6406, 0.2502,
0.2529

98.4372, 0.3280,
0.3542

33.1880, 0.2319,
0.2277

■ 26.8127, 0.2141,
0.2014

■ 21.4604, 0.1975,
0.1749

■ 17.0711, 0.1831,
0.1493

■ 13.5774, 0.1715,
0.1259

■ 10.8986, 0.1633,
0.1057

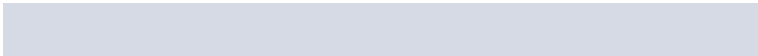
Harmonies

Analogous

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



69.9461, 0.2988, 0.3201



69.9461, 0.3020, 0.3169



69.9461, 0.3081, 0.3169

Triad

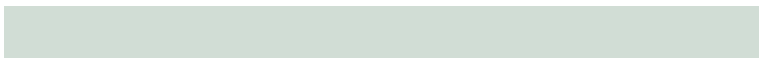
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.9461, 0.3020, 0.3169



69.9461, 0.3264, 0.3321



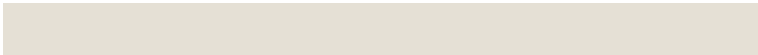
69.9461, 0.3099, 0.3382

Complementary

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



69.9461, 0.3020, 0.3169



74.7815, 0.3235, 0.3408

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.



69.9461, 0.3173, 0.3414



69.9461, 0.3020, 0.3169



69.9461, 0.3268, 0.3378

Square

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



69.9461, 0.3020, 0.3169



69.9461, 0.3222, 0.3256



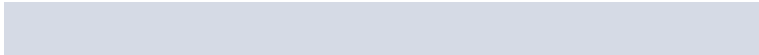
69.9461, 0.3235, 0.3412



69.9461, 0.3033, 0.3324

Rectangle

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



69.9461, 0.3020, 0.3169



69.9461, 0.3130, 0.3188



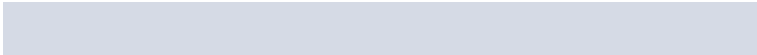
69.9461, 0.3235, 0.3412



69.9461, 0.3123, 0.3396

Sweetspot

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



69.9491, 0.3020, 0.3169



96.8272, 0.3097, 0.3256



75.5660, 0.3050, 0.3345



20.7583, 0.3098, 0.3258



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.



69.9491, 0.3020, 0.3169



87.7038, 0.3003, 0.3150



67.8431, 0.3041, 0.3115



14.6171, 0.2981, 0.3124



6.0329, 0.1620, 0.1030



0.6070, 0.1700, 0.1321

Inverse Universe

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



69.3156, 0.3211, 0.3237



86.7966, 0.3225, 0.3228



77.0242, 0.3210, 0.3462



14.4417, 0.3244, 0.3217



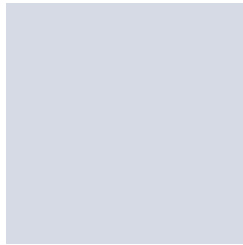
9.8067, 0.5714, 0.2921



0.7410, 0.5298, 0.2692

Previews

White Background



This preview shows how the Yxy color 69.9461, 0.3020, 0.3169 looks on a white background.

Color Contrast Check

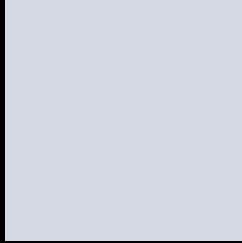
Large Text (above 18pt) WCAG AA × Fail

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 69.9461, 0.3020, 0.3169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

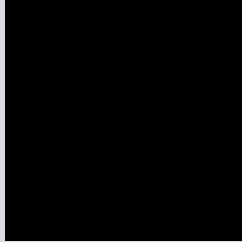
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

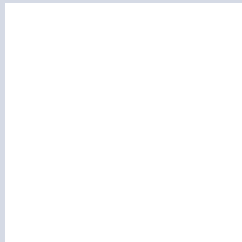
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.9461, 0.3020, 0.3169

Background



This preview shows how black text looks on a background with the Yxy color 69.9461, 0.3020, 0.3169.

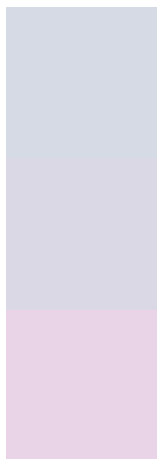


This preview shows how white text looks on a background with the Yxy color 69.9461, 0.3020, 0.3169.

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

69.9461, 0.3020, 0.3169

Protanopia

69.6186, 0.3062, 0.3159

Deuteranopia

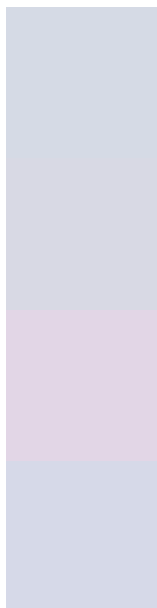
69.6253, 0.3159, 0.3090



Tritanopia

69.8624, 0.2995, 0.3105

Trichromacy



Original Color

69.9461, 0.3020, 0.3169

Protanomaly

69.8261, 0.3047, 0.3170

Deuteranomaly

69.9751, 0.3106, 0.3119

Tritanomaly

69.7480, 0.3008, 0.3126

Monochromacy



Original Color

69.9461, 0.3020, 0.3169

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.0157, 0.3086, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9461, 0.3020, 0.3169 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(213, 218, 229)` looks like.

```
.text, #text, p{  
    color:rgb(213, 218, 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(213, 218, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 218, 229) }
```

Border

The CSS property to change the border of an element to Yxy 69.9461, 0.3020, 0.3169 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(213, 218, 229) }
```

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

```
.border{ border-color:rgb(213, 218, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 218, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 218, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 218, 229); box-shadow:4px 4px 4px 4px rgb(213, 218, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9461, 0.3020, 0.3169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 218, 229) }
```

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

```
.background{ background-color: rgb(213,  
218, 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