

Converting Colors

Yxy(68.9643, 0.3012, 0.3093)

Have a look what the booklet for
Yxy(68.9643, 0.3012, 0.3093)
contains.

Yxy(69.0830, 0.3015, 0.3094)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(69.0830, 0.3015, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	D8D7E9
RGB	216, 215, 233
RGB Percent	85%, 84%, 91%
CMY	0.1531, 0.1568, 0.0863
CMYK	0.07, 0.08, 0.00, 0.09
HSL	243°, 29%, 88%
HSV	243°, 8%, 91%
XYZ	67.3191, 69.0830, 86.8785
YIQ	217.3510, -5.1820, 5.8100

Conversions

Conversions Part 2

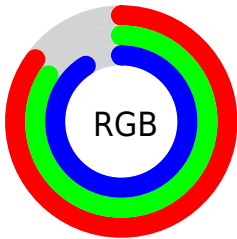
Format	Color
R _Y B	216, 215, 233
Decimal	14211049
CIE Lab	86.55, 3.69, -8.70
CIE LCh	87, 9.449, 292.979
Yxy	69.0830, 0.3015, 0.3094
Android (android.graphics.Color)	4292401129 (0xFFD8D7E9)
YUV	217.3510, 7.7150, -1.1848
Hunter-Lab	83.1162, -0.8791, -3.7924

Details

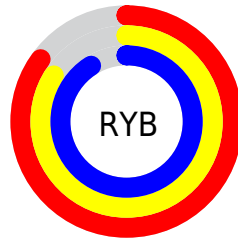
The Yxy color **69.0830, 0.3015, 0.3094** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.3521, 0.3235, 0.3480**, and the grayscale version is **69.5885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.8930, 0.2989, 0.3048** is the 20% darker color. If you saturate the color by 10%, you get **54.9128, 0.2852, 0.2811**, and if you desaturate by 10%, it is **85.4006, 0.3158, 0.3344**.

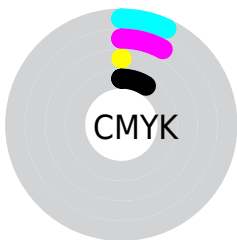
Distribution



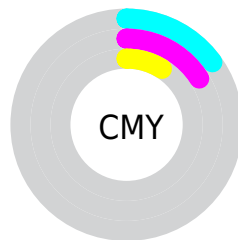
- Red (85%)
- Green (84%)
- Blue (91%)



- Red (85%)
- Yellow (84%)
- Blue (91%)



- Cyan (7%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (15%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.0830, 0.3015, 0.3094 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 69.0830, 0.3015, 0.3094 by changing the saturation by 10% instead.

■ 69.0830, 0.3015,
0.3094

■ 69.0830, 0.3015,
0.3094

457.3237, 0.3068,
0.3185

■ 50.7793, 0.3003,
0.3073

117.9001, 0.3033,
0.3126

■ 36.0330, 0.2988,
0.3048

149.1823, 0.3041,
0.3138

■ 24.4597, 0.2968,
0.3015

185.5595, 0.3047,
0.3148

■ 15.6750, 0.2943,
0.2972

227.4160, 0.3052,
0.3158

■ 9.2944, 0.2908,
0.2914

275.1363, 0.3057,
0.3166

■ 4.9337, 0.2856,
0.2830

329.1048, 0.3061,

■ 2.2084, 0.2773,

0.3173

0.2699

389.7057, 0.3064,
0.3179

0.7246, 0.2623,
0.2441

0.0000, 0.0000,
0.0000

69.0830, 0.3015,
0.3094

69.0830, 0.3015,
0.3094

54.9128, 0.2852,
0.2811

85.4006, 0.3158,
0.3344

42.7922, 0.2668,
0.2495

98.6634, 0.3256,
0.3503

32.6291, 0.2469,
0.2155

24.3206, 0.2259,
0.1802

■ 17.7548, 0.2051,
0.1456

■ 12.8075, 0.1860,
0.1142

■ 9.3381, 0.1700,
0.0888

■ 7.1820, 0.1586,
0.0712

■ 6.1207, 0.1521,
0.0621

Harmonies

Analogous

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



69.0830, 0.2934, 0.3111



69.0830, 0.3015, 0.3094



69.0830, 0.3128, 0.3128

Triad

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



69.0830, 0.3015, 0.3094



69.0830, 0.3356, 0.3398



69.0830, 0.3012, 0.3380

Complementary

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



69.0830, 0.3015, 0.3094



80.3521, 0.3235, 0.3480

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.



69.0830, 0.3124, 0.3461



69.0830, 0.3015, 0.3094



69.0830, 0.3323, 0.3469

Square

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



69.0830, 0.3015, 0.3094



69.0830, 0.3326, 0.3301



69.0830, 0.3238, 0.3493



69.0830, 0.2932, 0.3275

Rectangle

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



69.0830, 0.3015, 0.3094



69.0830, 0.3206, 0.3174



69.0830, 0.3238, 0.3493



69.0830, 0.3047, 0.3411

Sweetspot

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



69.0859, 0.3015, 0.3094



95.8842, 0.3099, 0.3241



78.1047, 0.3008, 0.3280



20.5663, 0.3101, 0.3243



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.



69.0859, 0.3015, 0.3094



82.3285, 0.2995, 0.3058



70.4855, 0.3078, 0.3098



14.5868, 0.2988, 0.3047



3.3998, 0.1517, 0.0609



0.2803, 0.1561, 0.0634

Inverse Universe

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



71.7628, 0.3142, 0.3111



86.1438, 0.3145, 0.3080



78.8924, 0.3173, 0.3483



15.2993, 0.3146, 0.3070



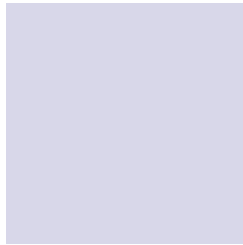
12.7899, 0.3345, 0.1617



1.0085, 0.3325, 0.1605

Previews

White Background



This preview shows how the Yxy color 69.0830, 0.3015, 0.3094 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 69.0830, 0.3015, 0.3094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

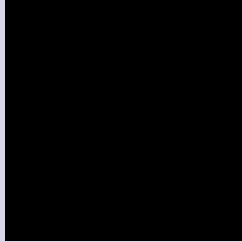
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.0830, 0.3015, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 69.0830, 0.3015, 0.3094.

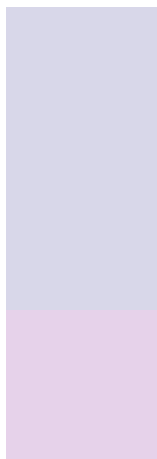


This preview shows how white text looks on a background with the Yxy color 69.0830, 0.3015, 0.3094.

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

69.0830, 0.3015, 0.3094

Protanopia

69.0830, 0.3015, 0.3094

Deuteranopia

68.8567, 0.3110, 0.3036



Tritanopia

69.0260, 0.3022, 0.3105

Trichromacy



Original Color

69.0830, 0.3015, 0.3094

Protanomaly

69.0830, 0.3015, 0.3094

Deuteranomaly

69.0350, 0.3073, 0.3055

Tritanomaly

69.0260, 0.3022, 0.3105

Monochromacy



Original Color

69.0830, 0.3015, 0.3094

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.1912, 0.3088, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0830, 0.3015, 0.3094 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(216, 215, 233)` looks like.

```
.text, #text, p{  
    color:rgb(216, 215, 233)  
}
```

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(216, 215, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 215, 233) }
```

Border

The CSS property to change the border of an element to Yxy 69.0830, 0.3015, 0.3094 is called "border". The border property can be set on classes, ids or directly on the HTML element.

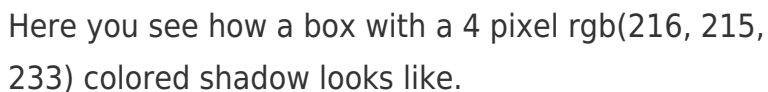
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 215, 233) }
```

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

```
.border{ border-color:rgb(216, 215, 233) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 215, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 215, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 215, 233);  
box-shadow:4px 4px 4px 4px rgb(216, 215,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0830, 0.3015, 0.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 215, 233) }
```

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

```
.background{ background-color: rgb(216,  
215, 233) }
```

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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