

Converting Colors

Yxy(69.5938, 0.3141, 0.3094)

Have a look what the booklet for
Yxy(69.5938, 0.3141, 0.3094)
contains.

Yxy(69.7891, 0.3143, 0.3099)	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(69.7891, 0.3143, 0.3099)

Conversions

Conversions Part 1

Format	Color
Hex	E7D4E6
RGB	231, 212, 230
RGB Percent	91%, 83%, 90%
CMY	0.0942, 0.1686, 0.0979
CMYK	0.00, 0.08, 0.00, 0.09
HSL	303°, 28%, 87%
HSV	303°, 8%, 91%
XYZ	70.7800, 69.7891, 84.6297
YIQ	219.7330, 5.5460, 9.6260

Conversions

Conversions Part 2

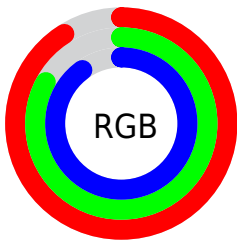
Format	Color
R _{YB}	231, 212, 230
Decimal	15193318
CIE Lab	86.89, 9.70, -6.48
CIE LCh	87, 11.667, 326.233
Yxy	69.7891, 0.3143, 0.3099
Android (android.graphics.Color)	4293383398 (0xFFE7D4E6)
YUV	219.7330, 5.0616, 9.8812
Hunter-Lab	83.5399, 5.0411, -1.5856

Details

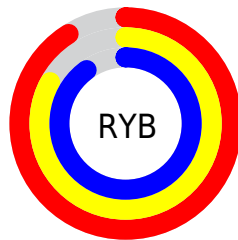
The Yxy color **69.7891, 0.3143, 0.3099** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.9397, 0.3111, 0.3489**, and the grayscale version is **71.3369, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.3230, 0.3139, 0.3042** is the 20% darker color. If you saturate the color by 10%, you get **58.9935, 0.3164, 0.2860**, and if you desaturate by 10%, it is **82.2431, 0.3124, 0.3331**.

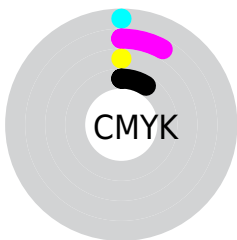
Distribution



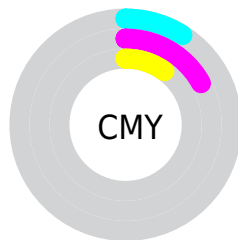
- Red (91%)
- Green (83%)
- Blue (90%)



- Red (91%)
- Yellow (83%)
- Blue (90%)



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





- Cyan (9%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.7891, 0.3143, 0.3099 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 69.7891, 0.3143, 0.3099 by changing the saturation by 10% instead.


 69.7891, 0.3143,
0.3099

 69.7891, 0.3143,
0.3099


459.8091, 0.3136,
0.3187

 51.3546, 0.3144,
0.3079

118.9079, 0.3141,
0.3129

 36.4909, 0.3146,
0.3055


150.3611, 0.3140,
0.3141

 24.8136, 0.3148,
0.3023


186.9226, 0.3139,
0.3151

 15.9382, 0.3151,
0.2983

228.9769, 0.3138,
0.3160

 9.4804, 0.3154,
0.2928

276.9082, 0.3138,
0.3168

 5.0559, 0.3158,
0.2850

331.1011, 0.3137,

 2.2801, 0.3162,

0.3175

0.2728

391.9400, 0.3137,
0.3181

0.7631, 0.3171,
0.2500

0.0000, 0.0000,
0.0000

69.7891, 0.3143,
0.3099

69.7891, 0.3143,
0.3099

58.9935, 0.3164,
0.2860

82.2431, 0.3124,
0.3331

49.7773, 0.3186,
0.2621

94.3502, 0.3108,
0.3519

42.0690, 0.3210,
0.2388

94.4157, 0.3102,
0.3508

35.7876, 0.3234,
0.2173

94.4816, 0.3095,
0.3496

■ 30.8449, 0.3258,
0.1983

■ 94.5479, 0.3089,
0.3484

■ 27.1426, 0.3281,
0.1828

■ 94.6146, 0.3082,
0.3472

■ 24.5693, 0.3302,
0.1715

■ 94.6817, 0.3076,
0.3461

■ 22.9933, 0.3320,
0.1646

■ 94.7493, 0.3069,
0.3449

■ 22.2278, 0.3336,
0.1617

■ 94.8173, 0.3063,
0.3437

Harmonies

Analogous

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



69.7891, 0.3003, 0.3051



69.7891, 0.3143, 0.3099



69.7891, 0.3282, 0.3195

Triad

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



69.7891, 0.3143, 0.3099



69.7891, 0.3360, 0.3517



69.7891, 0.2881, 0.3256

Complementary

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



69.7891, 0.3143, 0.3099



75.9397, 0.3111, 0.3489

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.



69.7891, 0.2972, 0.3387



69.7891, 0.3143, 0.3099



69.7891, 0.3249, 0.3540

Square

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



69.7891, 0.3143, 0.3099



69.7891, 0.3409, 0.3433



69.7891, 0.3107, 0.3493



69.7891, 0.2854, 0.3138

Rectangle

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



69.7891, 0.3143, 0.3099



69.7891, 0.3354, 0.3274



69.7891, 0.3107, 0.3493



69.7891, 0.2905, 0.3300

Sweetspot

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



69.7921, 0.3143, 0.3099



96.7728, 0.3131, 0.3244



66.9524, 0.3005, 0.3081



20.7472, 0.3131, 0.3246



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.



69.7921, 0.3143, 0.3099



84.7145, 0.3147, 0.3055



69.2899, 0.3206, 0.3195



14.6022, 0.3145, 0.3070



12.4132, 0.3337, 0.1612



0.9211, 0.3317, 0.1601

Inverse Universe

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



69.7921, 0.3143, 0.3099



84.7145, 0.3147, 0.3055



76.4189, 0.3054, 0.3386



14.6022, 0.3145, 0.3070



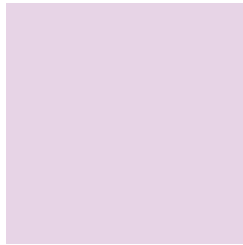
12.4132, 0.3337, 0.1612



0.9211, 0.3317, 0.1601

Previews

White Background



This preview shows how the Yxy color 69.7891, 0.3143, 0.3099 looks on a white background.

Color Contrast Check

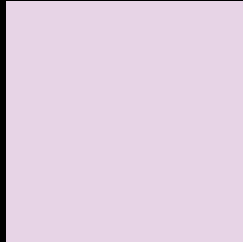
Large Text (above 18pt) WCAG AA × Fail

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 69.7891, 0.3143, 0.3099 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

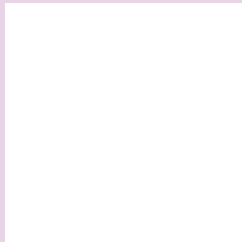
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.7891, 0.3143, 0.3099

Background



This preview shows how black text looks on a background with the Yxy color 69.7891, 0.3143, 0.3099.



This preview shows how white text looks on a background with the Yxy color 69.7891, 0.3143, 0.3099.

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

69.7891, 0.3143, 0.3099

Protanopia

69.7466, 0.3022, 0.3105

Deuteranopia

69.6253, 0.3159, 0.3090



Tritanopia

69.7330, 0.3150, 0.3110

Trichromacy



Original Color

69.7891, 0.3143, 0.3099

Protanomaly

69.9567, 0.3064, 0.3107

Deuteranomaly

69.4575, 0.3151, 0.3089

Tritanomaly

69.7330, 0.3150, 0.3110

Monochromacy



Original Color

69.7891, 0.3143, 0.3099

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.8548, 0.3131, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.7891, 0.3143, 0.3099 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(231, 212, 230)` looks like.

```
.text, #text, p{  
    color:rgb(231, 212, 230)  
}
```

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(231, 212, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 212, 230) }
```

Border

The CSS property to change the border of an element to Yxy 69.7891, 0.3143, 0.3099 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(231, 212, 230) }
```

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

```
.border{ border-color:rgb(231, 212, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 212, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 212, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 212, 230);  
box-shadow:4px 4px 4px 4px rgb(231, 212,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 69.7891, 0.3143, 0.3099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 212, 230) }
```

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

```
.background{ background-color: rgb(231,  
212, 230) }
```

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