

Converting Colors

$Yxy(71.1339, 0.3129, 0.3090)$

Have a look what the booklet for
Yxy(71.1339, 0.3129, 0.3090)
contains.

Yxy(71.1321, 0.3129, 0.3090)	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(71.1321, 0.3129, 0.3090)

Conversions

Conversions Part 1

Format	Color
Hex	E8D6E9
RGB	232, 214, 233
RGB Percent	91%, 84%, 91%
CMY	0.0903, 0.1607, 0.0862
CMYK	0.00, 0.08, 0.00, 0.09
HSL	297°, 30%, 88%
HSV	297°, 8%, 91%
XYZ	72.0299, 71.1321, 87.0390
YIQ	221.5480, 4.6290, 9.7250

Conversions

Conversions Part 2

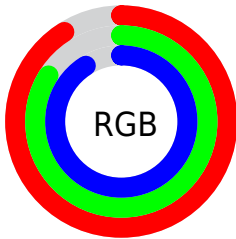
Format	Color
R _Y B	232, 214, 233
Decimal	15259369
CIE Lab	87.55, 9.52, -7.08
CIE LCh	88, 11.869, 323.363
Yxy	71.1321, 0.3129, 0.3090
Android (android.graphics.Color)	4293449449 (0xFFE8D6E9)
YUV	221.5480, 5.6458, 9.1664
Hunter-Lab	84.3398, 4.8520, -2.1496

Details

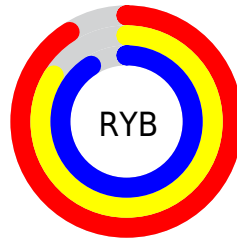
The Yxy color **71.1321, 0.3129, 0.3090** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.6005, 0.3124, 0.3497**, and the grayscale version is **72.6694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2007, 0.3129, 0.3044** is the 20% darker color. If you saturate the color by 10%, you get **59.9581, 0.3130, 0.2838**, and if you desaturate by 10%, it is **84.0010, 0.3127, 0.3334**.

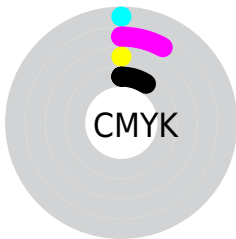
Distribution



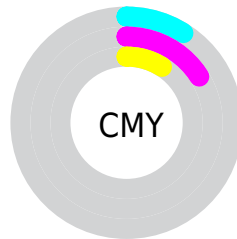
- Red (91%)
- Green (84%)
- Blue (91%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.1321, 0.3129, 0.3090 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 71.1321, 0.3129, 0.3090 by changing the saturation by 10% instead.


 71.1321, 0.3129,
0.3090

 71.1321, 0.3129,
0.3090


464.5151, 0.3129,
0.3182

 52.4500, 0.3129,
0.3069


120.8218, 0.3129,
0.3122

 37.3639, 0.3129,
0.3044


152.5982, 0.3129,
0.3134

 25.4894, 0.3128,
0.3012


189.5082, 0.3129,
0.3145

 16.4420, 0.3128,
0.2970

231.9361, 0.3129,
0.3154

 9.8375, 0.3126,
0.2914

280.2663, 0.3129,
0.3162

 5.2913, 0.3124,
0.2833

334.8833, 0.3129,

 2.4192, 0.3118,

0.3169

0.2710

396.1714, 0.3129,
0.3176

0.8357, 0.3105,
0.2493

0.0000, 0.0000,
0.0000

71.1321, 0.3129,
0.3090

71.1321, 0.3129,
0.3090

59.9581, 0.3130,
0.2838

84.0010, 0.3127,
0.3334

50.3985, 0.3130,
0.2584

94.9875, 0.3126,
0.3511

42.3801, 0.3128,
0.2336

95.2052, 0.3134,
0.3510

35.8202, 0.3123,
0.2105

95.4246, 0.3142,
0.3510

30.6287, 0.3117,
0.1899

95.6455, 0.3150,
0.3509

26.7052, 0.3109,
0.1729

95.8680, 0.3158,
0.3509

23.9359, 0.3098,
0.1601

96.0921, 0.3166,
0.3508

22.1864, 0.3086,
0.1516

96.3177, 0.3174,
0.3508

21.2674, 0.3073,
0.1471

96.5449, 0.3182,
0.3507

Harmonies

Analogous

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



71.1321, 0.2989, 0.3047



71.1321, 0.3129, 0.3090



71.1321, 0.3271, 0.3183

Triad

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



71.1321, 0.3129, 0.3090



71.1321, 0.3370, 0.3513



71.1321, 0.2884, 0.3268

Complementary

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



71.1321, 0.3129, 0.3090



77.6005, 0.3124, 0.3497

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.



71.1321, 0.2982, 0.3400



71.1321, 0.3129, 0.3090



71.1321, 0.3263, 0.3543

Square

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



71.1321, 0.3129, 0.3090



71.1321, 0.3412, 0.3424



71.1321, 0.3120, 0.3502



71.1321, 0.2850, 0.3146

Rectangle

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



71.1321, 0.3129, 0.3090



71.1321, 0.3347, 0.3262



71.1321, 0.3120, 0.3502



71.1321, 0.2911, 0.3313

Sweetspot

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



71.1352, 0.3129, 0.3090



96.7361, 0.3128, 0.3241



68.9248, 0.3001, 0.3096



20.7397, 0.3128, 0.3244



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.



71.1352, 0.3129, 0.3090



84.5314, 0.3129, 0.3043



70.8502, 0.3193, 0.3176



15.2692, 0.3129, 0.3057



12.0095, 0.3072, 0.1466



0.9559, 0.3092, 0.1477

Inverse Universe

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



70.3348, 0.3261, 0.3279



83.3395, 0.3295, 0.3277



77.8748, 0.3067, 0.3407



15.0674, 0.3284, 0.3277



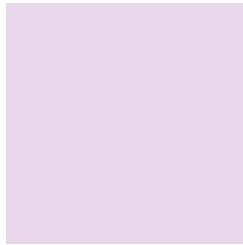
9.8516, 0.6342, 0.3267



0.7783, 0.6186, 0.3181

Previews

White Background



This preview shows how the Yxy color 71.1321, 0.3129, 0.3090 looks on a white background.

Color Contrast Check

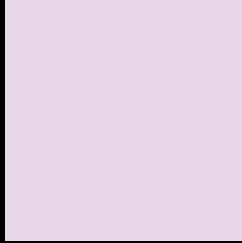
Large Text (above 18pt) WCAG AA × Fail

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 71.1321, 0.3129, 0.3090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

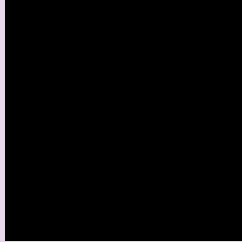
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

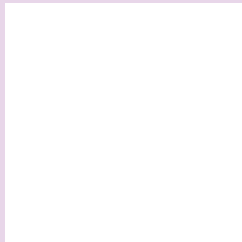
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.1321, 0.3129, 0.3090

Background



This preview shows how black text looks on a background with the Yxy color 71.1321, 0.3129, 0.3090.



This preview shows how white text looks on a background with the Yxy color 71.1321, 0.3129, 0.3090.

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

71.1321, 0.3129, 0.3090

Protanopia

71.2590, 0.3017, 0.3096

Deuteranopia

71.1339, 0.3152, 0.3081



Tritanopia

71.0185, 0.3143, 0.3111

Trichromacy



Original Color

71.1321, 0.3129, 0.3090

Protanomaly

71.4712, 0.3058, 0.3098

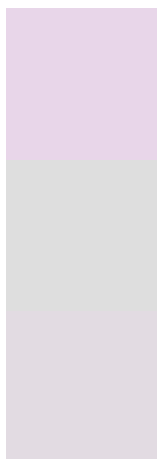
Deuteranomaly

70.9641, 0.3144, 0.3080

Tritanomaly

71.0751, 0.3136, 0.3100

Monochromacy



Original Color

71.1321, 0.3129, 0.3090

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.3228, 0.3131, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1321, 0.3129, 0.3090 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(232, 214, 233)` looks like.

```
.text, #text, p{  
    color:rgb(232, 214, 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(232, 214, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 214, 233) }
```

Border

The CSS property to change the border of an element to Yxy 71.1321, 0.3129, 0.3090 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(232, 214, 233) }
```

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

```
.border{ border-color:rgb(232, 214, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 214, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 214, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 214, 233);  
box-shadow:4px 4px 4px 4px rgb(232, 214,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1321, 0.3129, 0.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 214, 233) }
```

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

```
.background{ background-color: rgb(232,  
214, 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](#).

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