

# Converting Colors

Yxy(67.8942, 0.3141, 0.3142)

Have a look what the booklet for  
Yxy(67.8942, 0.3141, 0.3142)  
contains.

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# Color

**Yxy(67.9779, 0.3141, 0.3149)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1D3E0
RGB	225, 211, 224
RGB Percent	88%, 83%, 88%
CMY	0.1176, 0.1726, 0.1215
CMYK	0.00, 0.06, 0.00, 0.12
HSL	304°, 19%, 85%
HSV	304°, 6%, 88%
XYZ	67.8052, 67.9779, 80.0883
YIQ	216.6680, 4.1710, 7.0110

# Conversions

## Conversions Part 2

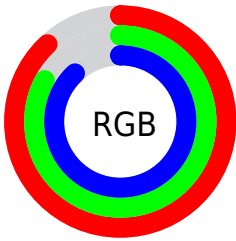
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	225, 211, 224
Decimal	14799840
CIE Lab	86.00, 7.13, -4.68
CIE LCh	86, 8.529, 326.699
Yxy	67.9779, 0.3141, 0.3149
Android (android.graphics.Color)	4292989920 (0xFFE1D3E0)
YUV	216.6680, 3.6147, 7.3072
Hunter-Lab	82.4487, 2.5118, 0.1215

# Details

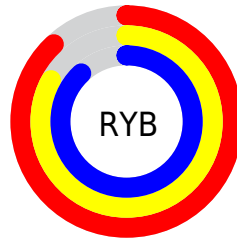
The Yxy color **67.9779, 0.3141, 0.3149** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.4572, 0.3114, 0.3435**, and the grayscale version is **69.1250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.1876, 0.3145, 0.3107** is the 20% darker color. If you saturate the color by 10%, you get **57.4873, 0.3165, 0.2916**, and if you desaturate by 10%, it is **80.0400, 0.3119, 0.3373**.

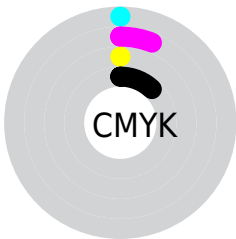
# Distribution



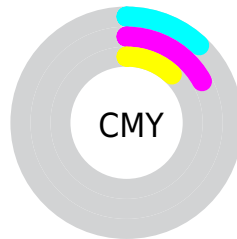
- Red (88%)
- Green (83%)
- Blue (88%)



- Red (88%)
- Yellow (83%)
- Blue (88%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (12%)



- Cyan (12%)
- Magenta (17%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 67.9779, 0.3141, 0.3149 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 67.9779, 0.3141, 0.3149 by changing the saturation by 10% instead.



■ 67.9779, 0.3141,  
0.3149

■ 67.9779, 0.3141,  
0.3149

453.4177, 0.3135,  
0.3214

■ 49.8798, 0.3142,  
0.3134

116.3205, 0.3139,  
0.3172

■ 35.3179, 0.3144,  
0.3115

147.3338, 0.3138,  
0.3181

■ 23.9078, 0.3146,  
0.3092

183.4209, 0.3137,  
0.3188

■ 15.2653, 0.3149,  
0.3061

224.9662, 0.3137,  
0.3195

■ 9.0058, 0.3152,  
0.3019

272.3542, 0.3136,  
0.3201

■ 4.7449, 0.3156,  
0.2957

325.9692, 0.3136,

■ 2.0984, 0.3163,

0.3206

0.2860

386.1955, 0.3135,  
0.3210

0.6637, 0.3192,  
0.2633

0.0000, 0.0000,  
0.0000

67.9779, 0.3141,  
0.3149

67.9779, 0.3141,  
0.3149

57.4873, 0.3165,  
0.2916

80.0400, 0.3119,  
0.3373

48.4947, 0.3192,  
0.2681


93.0851, 0.3100,  
0.3576


40.9340, 0.3220,  
0.2451


93.1726, 0.3091,  
0.3559


34.7306, 0.3250,  
0.2235


93.2609, 0.3083,  
0.3543


 29.8032, 0.3280,  
0.2042


 93.3499, 0.3074,  
0.3526


 26.0619, 0.3310,  
0.1881


 93.4398, 0.3065,  
0.3510


 23.4048, 0.3338,  
0.1761

 93.5305, 0.3056,  
0.3493

 21.7134, 0.3364,  
0.1685

 93.6219, 0.3047,  
0.3477

 20.8394, 0.3387,  
0.1651

 93.7142, 0.3038,  
0.3461

# Harmonies

## Analogous

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



67.9779, 0.3037, 0.3113



67.9779, 0.3141, 0.3149



67.9779, 0.3243, 0.3221

# Triad

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



67.9779, 0.3141, 0.3149



67.9779, 0.3298, 0.3458



67.9779, 0.2944, 0.3264

# Complementary

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



67.9779, 0.3141, 0.3149



72.4572, 0.3114, 0.3435

# 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.



67.9779, 0.3012, 0.3360



67.9779, 0.3141, 0.3149



67.9779, 0.3216, 0.3473

# Square

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



67.9779, 0.3141, 0.3149



67.9779, 0.3334, 0.3398



67.9779, 0.3111, 0.3437



67.9779, 0.2925, 0.3178



# Rectangle

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



67.9779, 0.3141, 0.3149



67.9779, 0.3295, 0.3280



67.9779, 0.3111, 0.3437



67.9779, 0.2962, 0.3297

# Sweetspot

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



67.9808, 0.3141, 0.3149



96.7661, 0.3132, 0.3245



66.0122, 0.3039, 0.3134



20.7458, 0.3131, 0.3247



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.



67.9808, 0.3141, 0.3149



89.0551, 0.3143, 0.3130



67.6109, 0.3189, 0.3224



14.3633, 0.3144, 0.3119



11.8914, 0.3392, 0.1642



0.8293, 0.3361, 0.1625



# Inverse Universe

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



67.9808, 0.3141, 0.3149



89.0551, 0.3143, 0.3130



72.8160, 0.3069, 0.3357



14.3633, 0.3144, 0.3119



11.8914, 0.3392, 0.1642

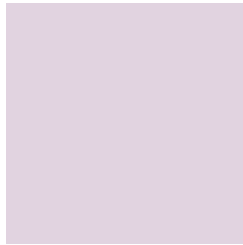


0.8293, 0.3361, 0.1625



# Previews

## White Background



This preview shows how the Yxy color 67.9779, 0.3141, 0.3149 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

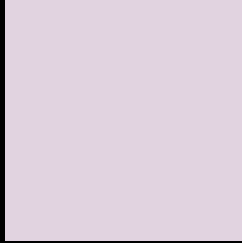
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 67.9779, 0.3141, 0.3149 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

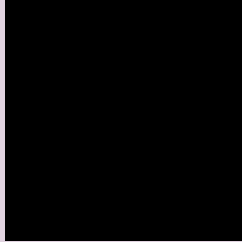
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

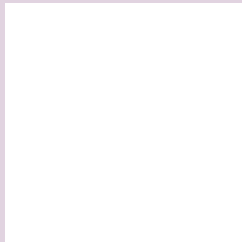
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 67.9779, 0.3141, 0.3149**

## **Background**



This preview shows how black text looks on a background with the Yxy color 67.9779, 0.3141, 0.3149.

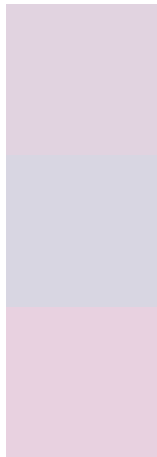


This preview shows how white text looks on a background with the Yxy color 67.9779, 0.3141, 0.3149.

# 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

67.9779, 0.3141, 0.3149

### Protanopia

68.1831, 0.3061, 0.3158

### Deuteranopia

68.1386, 0.3194, 0.3130



## Tritanopia

68.1421, 0.3121, 0.3117

# Trichromacy



## Original Color

67.9779, 0.3141, 0.3149

## Protanomaly

68.0848, 0.3090, 0.3159

## Deuteranomaly

68.1330, 0.3171, 0.3140

## Tritanomaly

68.0871, 0.3127, 0.3128

# Monochromacy



## Original Color

67.9779, 0.3141, 0.3149

## Achromatopsia

69.3872, 0.3127, 0.3290

## Achromatomaly

68.9838, 0.3130, 0.3235

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 67.9779, 0.3141, 0.3149 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(225, 211, 224)` looks like.

```
.text, #text, p{  
    color:rgb(225, 211, 224)  
}
```

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(225, 211, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 211, 224) }
```

## Border

The CSS property to change the border of an element to Yxy 67.9779, 0.3141, 0.3149 is called "border". The border property can be set on classes, ids or directly on the HTML element.

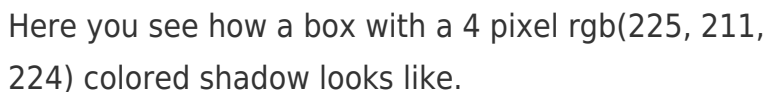
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 211, 224) }
```

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

```
.border{ border-color:rgb(225, 211, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(225, 211, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 211, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 211, 224); box-shadow:4px 4px 4px 4px rgb(225, 211, 224) }
```



# Background

The CSS property to change the background color of an element to  $\text{Yxy } 67.9779, 0.3141, 0.3149$  is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 211, 224) }
```

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

```
.background{ background-color: rgb(225,  
211, 224) }
```

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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