

# Converting Colors

Yxy(61.7040, 0.3145, 0.2936)

Have a look what the booklet for  
Yxy(61.7040, 0.3145, 0.2936)  
contains.

<b>Yxy(61.7950, 0.3144, 0.2935)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**Yxy(61.7950, 0.3144, 0.2935)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5C4E5
RGB	229, 196, 229
RGB Percent	90%, 77%, 90%
CMY	0.1019, 0.2314, 0.1020
CMYK	0.00, 0.14, 0.00, 0.10
HSL	300°, 39%, 83%
HSV	300°, 14%, 90%
XYZ	66.1954, 61.7950, 82.5548
YIQ	209.6290, 9.0750, 17.2590

# Conversions

## Conversions Part 2

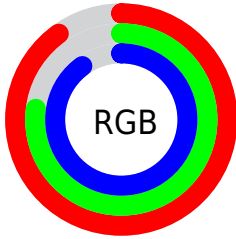
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	229, 196, 229
Decimal	15058149
CIE Lab	82.80, 17.32, -12.02
CIE LCh	83, 21.082, 325.240
Yxy	61.7950, 0.3144, 0.2935
Android (android.graphics.Color)	4293248229 (0xFFE5C4E5)
YUV	209.6290, 9.5499, 16.9884
Hunter-Lab	78.6098, 12.7434, -7.2386

# Details

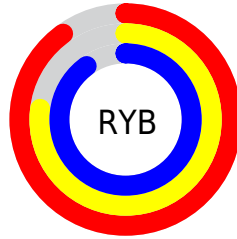
The Yxy color **61.7950, 0.3144, 0.2935** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.7662, 0.3109, 0.3673**, and the grayscale version is **64.1264, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **31.2862, 0.3138, 0.2842** is the 20% darker color. If you saturate the color by 10%, you get **52.2418, 0.3156, 0.2684**, and if you desaturate by 10%, it is **72.9304, 0.3132, 0.3183**.

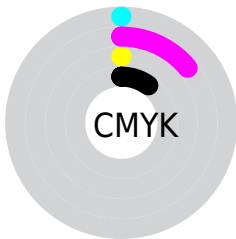
# Distribution



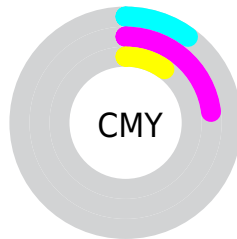
- Red (90%)
- Green (77%)
- Blue (90%)



- Red (90%)
- Yellow (77%)
- Blue (90%)



- Cyan (0%)
- Magenta (14%)
- Yellow (0%)
- Black (10%)



- Cyan (10%)
- Magenta (23%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.7950, 0.3144, 0.2935 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 61.7950, 0.3144, 0.2935 by changing the saturation by 10% instead.



61.7950, 0.3144,  
0.2935

61.7950, 0.3144,  
0.2935

431.1829, 0.3138,  
0.3099

44.8671, 0.3145,  
0.2897

107.4292, 0.3142,  
0.2992

31.3527, 0.3146,  
0.2851

136.9043, 0.3142,  
0.3014

20.8676, 0.3147,  
0.2792

171.3305, 0.3141,  
0.3033

13.0273, 0.3147,  
0.2715

211.0923, 0.3140,  
0.3050

7.4473, 0.3146,  
0.2611

256.5740, 0.3140,  
0.3065

3.7434, 0.3143,  
0.2460

308.1601, 0.3139,

1.5311, 0.3130,

0.3078

0.2226

366.2349, 0.3138,  
0.3089

0.3105, 0.3229,  
0.1397

0.0000, 0.0000,  
0.0000

61.7950, 0.3144,  
0.2935

61.7950, 0.3144,  
0.2935

52.2418, 0.3156,  
0.2684

72.9304, 0.3132,  
0.3183

44.1914, 0.3168,  
0.2439

85.7066, 0.3121,  
0.3422

37.5698, 0.3179,  
0.2208

93.8383, 0.3115,  
0.3555

32.2936, 0.3189,  
0.2002

93.8392, 0.3114,  
0.3554

28.2705, 0.3197,  
0.1829

93.8401, 0.3114,  
0.3554

25.3970, 0.3203,  
0.1695

93.8411, 0.3114,  
0.3554

23.5527, 0.3208,  
0.1605

93.8420, 0.3114,  
0.3554

22.5909, 0.3210,  
0.1557

93.8429, 0.3114,  
0.3554

22.3076, 0.3211,  
0.1543

93.8438, 0.3114,  
0.3554

# Harmonies

## Analogous

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



61.7950, 0.2884, 0.2850



61.7950, 0.3144, 0.2935



61.7950, 0.3410, 0.3105

# Triad

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



61.7950, 0.3144, 0.2935



61.7950, 0.3569, 0.3709



61.7950, 0.2673, 0.3227

# Complementary

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



61.7950, 0.3144, 0.2935



71.7662, 0.3109, 0.3673

# 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.



61.7950, 0.2843, 0.3482



61.7950, 0.3144, 0.2935



61.7950, 0.3359, 0.3768

# Square

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



61.7950, 0.3144, 0.2935



61.7950, 0.3661, 0.3543



61.7950, 0.3093, 0.3685



61.7950, 0.2621, 0.3005



# Rectangle

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



61.7950, 0.3144, 0.2935



61.7950, 0.3550, 0.3248



61.7950, 0.3093, 0.3685



61.7950, 0.2718, 0.3312

# Sweetspot

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



61.7977, 0.3144, 0.2935



93.6634, 0.3132, 0.3193



56.8762, 0.2895, 0.2907



19.8009, 0.3133, 0.3174



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.



61.7977, 0.3144, 0.2935



75.3901, 0.3147, 0.2868



60.9205, 0.3267, 0.3109



14.6151, 0.3138, 0.3059



12.7535, 0.3211, 0.1543



0.9425, 0.3211, 0.1542



# Inverse Universe

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



61.7977, 0.3144, 0.2935



75.3901, 0.3147, 0.2868



72.5584, 0.3007, 0.3478



14.6151, 0.3138, 0.3059



12.7535, 0.3211, 0.1543

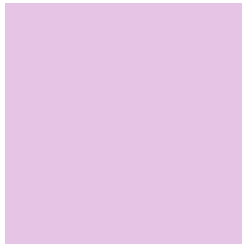


0.9425, 0.3211, 0.1542



# Previews

## White Background



This preview shows how the Yxy color 61.7950, 0.3144, 0.2935 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

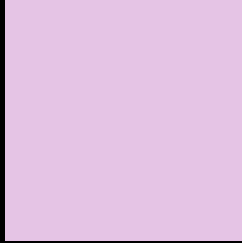
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.7950, 0.3144, 0.2935 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

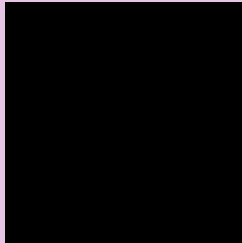
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 61.7950, 0.3144, 0.2935**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.7950, 0.3144, 0.2935.



This preview shows how white text looks on a background with the Yxy color 61.7950, 0.3144, 0.2935.

# 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

61.7950, 0.3144, 0.2935

### Protanopia

62.2174, 0.2903, 0.2952

### Deuteranopia

61.9737, 0.3050, 0.2991



## Tritanopia

62.0328, 0.3237, 0.3125

# Trichromacy



## Original Color

61.7950, 0.3144, 0.2935

## Protanomaly

62.1213, 0.2987, 0.2946

## Deuteranomaly

61.8204, 0.3089, 0.2972

## Tritanomaly

61.9966, 0.3208, 0.3061

# Monochromacy



## Original Color

61.7950, 0.3144, 0.2935

## Achromatopsia

64.4480, 0.3127, 0.3290

## Achromatomaly

63.4241, 0.3133, 0.3156

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.7950, 0.3144, 0.2935 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(229, 196, 229)` looks like.

```
.text, #text, p{  
    color:rgb(229, 196, 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(229, 196, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 196, 229) }
```

## Border

The CSS property to change the border of an element to Yxy 61.7950, 0.3144, 0.2935 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(229, 196, 229) }
```

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

```
.border{ border-color:rgb(229, 196, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 196, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 196, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 196, 229);  
box-shadow:4px 4px 4px 4px rgb(229, 196,  
229) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.7950, 0.3144, 0.2935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 196, 229) }
```

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

```
.background{ background-color: rgb(229,  
196, 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](#).

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