

# Converting Colors

Yxy(62.0534, 0.3141, 0.2981)

Have a look what the booklet for  
Yxy(62.0534, 0.3141, 0.2981)  
contains.

<b>Yxy(62.0479, 0.3141, 0.2986)</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(62.0479, 0.3141, 0.2986)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2C6E2
RGB	226, 198, 226
RGB Percent	89%, 78%, 89%
CMY	0.1140, 0.2234, 0.1138
CMYK	0.00, 0.12, 0.00, 0.11
HSL	300°, 33%, 83%
HSV	300°, 12%, 89%
XYZ	65.2687, 62.0479, 80.4794
YIQ	209.5640, 7.7000, 14.6440

# Conversions

## Conversions Part 2

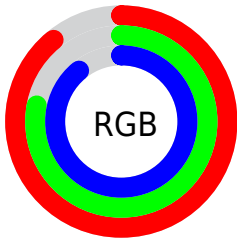
Format	Color
R <sub>Y</sub> B	226, 198, 226
Decimal	14862050
CIE Lab	82.94, 14.66, -10.25
CIE LCh	83, 17.887, 325.052
Yxy	62.0479, 0.3141, 0.2986
Android (android.graphics.Color)	4293052130 (0xFFE2C6E2)
YUV	209.5640, 8.1029, 14.4144
Hunter-Lab	78.7705, 10.0556, -5.4369

# Details

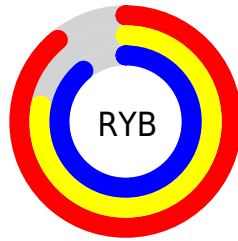
The Yxy color  $62.0479, 0.3141, 0.2986$  is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be  $70.4829, 0.3112, 0.3614$ , and the grayscale version is  $64.0875, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $100.0000, 0.3127, 0.3290$ , and  $31.5447, 0.3145, 0.2908$  is the 20% darker color. If you saturate the color by 10%, you get  $52.4696, 0.3152, 0.2735$ , and if you desaturate by 10%, it is  $73.1730, 0.3130, 0.3233$ .

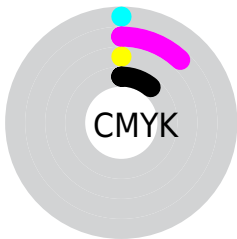
# Distribution



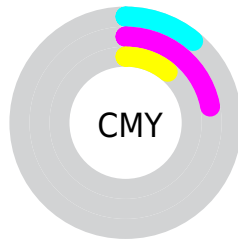
- Red (89%)
- Green (78%)
- Blue (89%)



- Red (89%)
- Yellow (78%)
- Blue (89%)



- Cyan (0%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)



- Cyan (11%)
- Magenta (22%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.0479, 0.3141, 0.2986 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 62.0479, 0.3141, 0.2986 by changing the saturation by 10% instead.



62.0479, 0.3141,  
0.2986

62.0479, 0.3141,  
0.2986

432.1058, 0.3136,  
0.3127

45.0714, 0.3142,  
0.2954

107.7948, 0.3139,  
0.3035

31.5137, 0.3143,  
0.2913

137.3339, 0.3139,  
0.3054

20.9903, 0.3144,  
0.2862

171.8294, 0.3138,  
0.3071

13.1169, 0.3144,  
0.2795

211.6656, 0.3138,  
0.3085

7.5091, 0.3144,  
0.2704

257.2270, 0.3137,  
0.3098

3.7825, 0.3142,  
0.2571

308.8979, 0.3137,

1.5526, 0.3134,

0.3109

0.2362

367.0627, 0.3136,  
0.3119

0.3254, 0.3228,  
0.1574

0.0000, 0.0000,  
0.0000

62.0479, 0.3141,  
0.2986

62.0479, 0.3141,  
0.2986

52.4696, 0.3152,  
0.2735

73.1730, 0.3130,  
0.3233

44.3619, 0.3164,  
0.2488

85.9007, 0.3119,  
0.3470

37.6546, 0.3174,  
0.2253

93.1901, 0.3114,  
0.3588

32.2682, 0.3183,  
0.2041

93.1972, 0.3114,  
0.3588

28.1155, 0.3191,  
0.1860

93.2044, 0.3114,  
0.3588

25.0986, 0.3197,  
0.1717

93.2115, 0.3114,  
0.3588

23.1052, 0.3202,  
0.1618

93.2187, 0.3115,  
0.3588

21.9998, 0.3204,  
0.1561

93.2259, 0.3115,  
0.3588

21.5860, 0.3204,  
0.1539

93.2330, 0.3115,  
0.3588

# Harmonies

## Analogous

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



62.0479, 0.2920, 0.2914



62.0479, 0.3141, 0.2986



62.0479, 0.3365, 0.3132

# Triad

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



62.0479, 0.3141, 0.2986



62.0479, 0.3503, 0.3646



62.0479, 0.2742, 0.3240

# Complementary

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



62.0479, 0.3141, 0.2986



70.4829, 0.3112, 0.3614

# 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.



62.0479, 0.2888, 0.3453



62.0479, 0.3141, 0.2986



62.0479, 0.3326, 0.3693

# Square

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



62.0479, 0.3141, 0.2986



62.0479, 0.3578, 0.3506



62.0479, 0.3101, 0.3623



62.0479, 0.2696, 0.3051



# Rectangle

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



62.0479, 0.3141, 0.2986



62.0479, 0.3484, 0.3254



62.0479, 0.3101, 0.3623



62.0479, 0.2780, 0.3311

# Sweetspot

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



62.0506, 0.3141, 0.2986



93.6601, 0.3132, 0.3192



58.1157, 0.2931, 0.2971



19.8001, 0.3132, 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.



62.0506, 0.3141, 0.2986



77.9627, 0.3144, 0.2918



61.3465, 0.3241, 0.3131



13.9342, 0.3138, 0.3059



12.3168, 0.3204, 0.1539



0.8542, 0.3205, 0.1539



# Inverse Universe

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



60.6502, 0.3351, 0.3290



75.7576, 0.3409, 0.3290



71.1273, 0.3027, 0.3455



13.7010, 0.3292, 0.3290



9.2250, 0.6399, 0.3298



0.6396, 0.6392, 0.3295



# Previews

## White Background



This preview shows how the Yxy color 62.0479, 0.3141, 0.2986 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

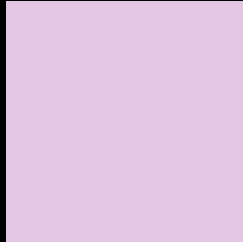
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 62.0479, 0.3141, 0.2986 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

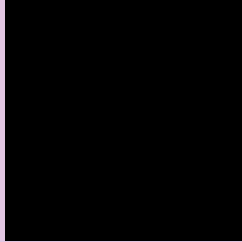
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 62.0479, 0.3141, 0.2986**

## **Background**



This preview shows how black text looks on a background with the Yxy color 62.0479, 0.3141, 0.2986.



This preview shows how white text looks on a background with the Yxy color 62.0479, 0.3141, 0.2986.

# 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

62.0479, 0.3141, 0.2986

### Protanopia

62.0723, 0.2942, 0.3007

### Deuteranopia

62.1150, 0.3086, 0.3024



## Tritanopia

62.0621, 0.3205, 0.3124

# Trichromacy



## Original Color

62.0479, 0.3141, 0.2986

## Protanomaly

61.7471, 0.3006, 0.2988

## Deuteranomaly

62.1169, 0.3109, 0.3015

## Tritanomaly

61.9689, 0.3184, 0.3070

# Monochromacy



## Original Color

62.0479, 0.3141, 0.2986

## Achromatopsia

64.4480, 0.3127, 0.3290

## Achromatomaly

63.6994, 0.3132, 0.3178

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 62.0479, 0.3141, 0.2986 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(226, 198, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 198, 226)  
}
```

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(226, 198, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 198, 226) }
```

## Border

The CSS property to change the border of an element to Yxy 62.0479, 0.3141, 0.2986 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(226, 198, 226) }
```

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

```
.border{ border-color:rgb(226, 198, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 198, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 198, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 198, 226); box-shadow:4px 4px 4px 4px rgb(226, 198, 226) }
```



# Background

The CSS property to change the background color of an element to Yxy 62.0479, 0.3141, 0.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 198, 226) }
```

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

```
.background{ background-color: rgb(226,  
198, 226) }
```

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