

# Converting Colors

Yxy(61.2713, 0.3183, 0.2969)

Have a look what the booklet for  
Yxy(61.2713, 0.3183, 0.2969)  
contains.

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# Color

**Yxy(61.2895, 0.3182, 0.2966)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6C3E1
RGB	230, 195, 225
RGB Percent	90%, 76%, 88%
CMY	0.0978, 0.2354, 0.1176
CMYK	0.00, 0.15, 0.02, 0.10
HSL	309°, 41%, 83%
HSV	309°, 15%, 90%
XYZ	65.7529, 61.2895, 79.5978
YIQ	208.8850, 11.2300, 16.7500

# Conversions

## Conversions Part 2

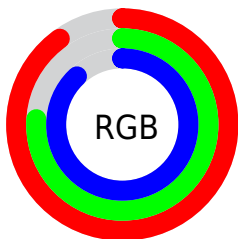
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	230, 195, 225
Decimal	15123425
CIE Lab	82.53, 17.49, -10.28
CIE LCh	83, 20.292, 329.557
Yxy	61.2895, 0.3182, 0.2966
Android (android.graphics.Color)	4293313505 (0xFFE6C3E1)
YUV	208.8850, 7.9447, 18.5179
Hunter-Lab	78.2876, 12.9169, -5.4809

# Details

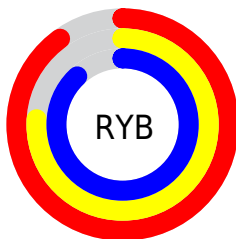
The Yxy color **61.2895, 0.3182, 0.2966** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.3997, 0.3077, 0.3637**, and the grayscale version is **63.6284, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **30.9507, 0.3188, 0.2882** is the 20% darker color. If you saturate the color by 10%, you get **51.5864, 0.3224, 0.2747**, and if you desaturate by 10%, it is **72.5897, 0.3145, 0.3181**.

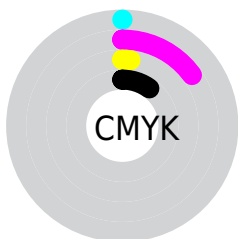
# Distribution



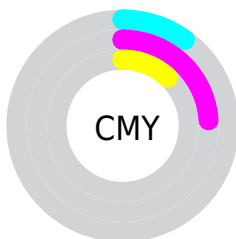
- Red (90%)
- Green (76%)
- Blue (88%)



- Red (90%)
- Yellow (76%)
- Blue (88%)



- Cyan (0%)
- Magenta (15%)
- Yellow (2%)
- Black (10%)




- Cyan (10%)
- Magenta (24%)
- Yellow (12%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2895, 0.3182, 0.2966 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 61.2895, 0.3182, 0.2966 by changing the saturation by 10% instead.





 61.2895, 0.3182,  
0.2966

 61.2895, 0.3182,  
0.2966


429.3347, 0.3158,  
0.3117

 44.4588, 0.3187,  
0.2931


 106.6980, 0.3174,  
0.3018

 31.0314, 0.3194,  
0.2889


136.0446, 0.3171,  
0.3039

 20.6228, 0.3202,  
0.2834


170.3320, 0.3168,  
0.3056

 12.8485, 0.3212,  
0.2763

209.9446, 0.3165,  
0.3071

 7.3243, 0.3224,  
0.2666

255.2668, 0.3163,  
0.3085

 3.6657, 0.3241,  
0.2525

306.6829, 0.3161,

 1.4884, 0.3263,

0.3097

0.2304

364.5774, 0.3159,  
0.3107

0.2805, 0.3469,  
0.1403

0.0000, 0.0000,  
0.0000

61.2895, 0.3182,  
0.2966

61.2895, 0.3182,  
0.2966

51.5864, 0.3224,  
0.2747

72.5897, 0.3145,  
0.3181

43.3998, 0.3271,  
0.2531

85.5468, 0.3112,  
0.3387

36.6544, 0.3322,  
0.2325

94.3488, 0.3087,  
0.3493

31.2650, 0.3376,  
0.2139

94.5424, 0.3069,  
0.3459

27.1375, 0.3433,  
0.1984

94.7397, 0.3050,  
0.3425

24.1660, 0.3488,  
0.1867

94.9405, 0.3032,  
0.3391

22.2269, 0.3543,  
0.1795

95.1450, 0.3013,  
0.3357

21.1688, 0.3594,  
0.1768

95.3531, 0.2995,  
0.3324

20.8583, 0.3617,  
0.1766

95.5649, 0.2977,  
0.3291

# Harmonies

## Analogous

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



61.2895, 0.2926, 0.2870



61.2895, 0.3182, 0.2966



61.2895, 0.3433, 0.3140

# Triad

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



61.2895, 0.3182, 0.2966



61.2895, 0.3531, 0.3711



61.2895, 0.2674, 0.3195

# Complementary

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



61.2895, 0.3182, 0.2966



72.3997, 0.3077, 0.3637

# 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.



61.2895, 0.2824, 0.3441



61.2895, 0.3182, 0.2966



61.2895, 0.3316, 0.3748

# Square

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



61.2895, 0.3182, 0.2966



61.2895, 0.3638, 0.3562



61.2895, 0.3057, 0.3649



61.2895, 0.2641, 0.2990



# Rectangle

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



61.2895, 0.3182, 0.2966



61.2895, 0.3559, 0.3281



61.2895, 0.3057, 0.3649



61.2895, 0.2712, 0.3276

# Sweetspot

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



61.2922, 0.3182, 0.2966



92.0153, 0.3144, 0.3185



56.9721, 0.2915, 0.2886



19.4640, 0.3146, 0.3170



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.



61.2922, 0.3182, 0.2966



73.7108, 0.3194, 0.2904



60.4024, 0.3312, 0.3149



14.5776, 0.3160, 0.3091



11.8158, 0.3610, 0.1762



0.8830, 0.3542, 0.1725



# Inverse Universe

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



61.2922, 0.3182, 0.2966



73.7108, 0.3194, 0.2904



73.2476, 0.2972, 0.3436



14.5776, 0.3160, 0.3091



11.8158, 0.3610, 0.1762



0.8830, 0.3542, 0.1725



# Previews

## White Background



This preview shows how the Yxy color 61.2895, 0.3182, 0.2966 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

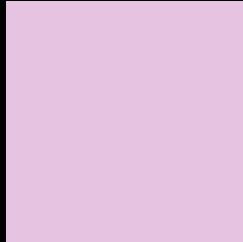
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.2895, 0.3182, 0.2966 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 61.2895, 0.3182, 0.2966**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.2895, 0.3182, 0.2966.



This preview shows how white text looks on a background with the Yxy color 61.2895, 0.3182, 0.2966.

# 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

61.2895, 0.3182, 0.2966

### Protanopia

61.5118, 0.2928, 0.2983

### Deuteranopia

61.4421, 0.3086, 0.3023



## Tritanopia

61.2306, 0.3254, 0.3114

# Trichromacy



## Original Color

61.2895, 0.3182, 0.2966

## Protanomaly

61.4275, 0.3014, 0.2977

## Deuteranomaly

61.2996, 0.3125, 0.3004

## Tritanomaly

61.1476, 0.3233, 0.3061

# Monochromacy



## Original Color

61.2895, 0.3182, 0.2966

## Achromatopsia

63.7597, 0.3127, 0.3290

## Achromatomaly

62.8437, 0.3148, 0.3167

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.2895, 0.3182, 0.2966 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(230, 195, 225)` looks like.

```
.text, #text, p{  
    color:rgb(230, 195, 225)  
}
```

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(230, 195, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 195, 225) }
```

## Border

The CSS property to change the border of an element to Yxy 61.2895, 0.3182, 0.2966 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(230, 195, 225) }
```

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

```
.border{ border-color:rgb(230, 195, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 195, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 195, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 195, 225);  
box-shadow:4px 4px 4px 4px rgb(230, 195,  
225) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.2895, 0.3182, 0.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 195, 225) }
```

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

```
.background{ background-color: rgb(230,  
195, 225) }
```

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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