

# Converting Colors

$Y_{xy}(79.5712, 0.3220, 0.3230)$

Have a look what the booklet for  
Yxy(79.5712, 0.3220, 0.3230)  
contains.

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# Color

**Yxy(79.6314, 0.3221, 0.3229)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5E2E8
RGB	245, 226, 232
RGB Percent	96%, 89%, 91%
CMY	0.0390, 0.1138, 0.0901
CMYK	0.00, 0.08, 0.05, 0.04
HSL	341°, 49%, 92%
HSV	341°, 8%, 96%
XYZ	79.4341, 79.6314, 87.5477
YIQ	232.3650, 9.3980, 5.8940

# Conversions

## Conversions Part 2

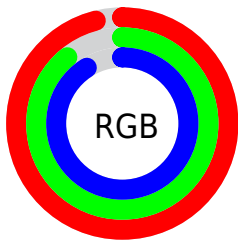
Format	Color
R <sub>Y</sub> B	245, 226, 232
Decimal	16114408
CIE Lab	91.52, 7.52, -0.60
CIE LCh	92, 7.548, 355.452
Yxy	79.6314, 0.3221, 0.3229
Android (android.graphics.Color)	4294304488 (0xFF5E2E8)
YUV	232.3650, -0.1799, 11.0809
Hunter-Lab	89.2364, 2.7286, 4.2975

# Details

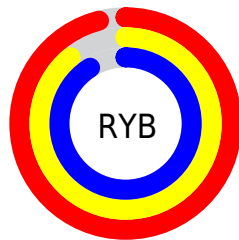
The Yxy color **79.6314, 0.3221, 0.3229** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.7351, 0.3041, 0.3352**, and the grayscale version is **80.9872, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.0792, 0.3248, 0.3225** is the 20% darker color. If you saturate the color by 10%, you get **66.3410, 0.3366, 0.3146**, and if you desaturate by 10%, it is **94.9239, 0.3103, 0.3307**.

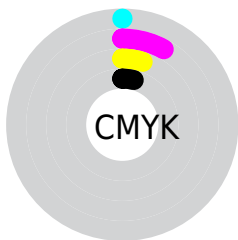
# Distribution



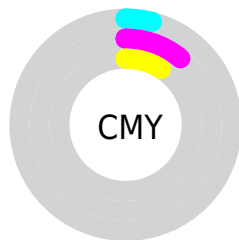
- Red (96%)
- Green (89%)
- Blue (91%)



- Red (96%)
- Yellow (89%)
- Blue (91%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (4%)




- Cyan (4%)
- Magenta (11%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 79.6314, 0.3221, 0.3229 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 79.6314, 0.3221, 0.3229 by changing the saturation by 10% instead.



 79.6314, 0.3221,  
0.3229

 79.6314, 0.3221,  
0.3229


493.6898, 0.3178,  
0.3257

 59.4151, 0.3231,  
0.3223


132.8474, 0.3206,  
0.3239

 42.9473, 0.3242,  
0.3215


166.6158, 0.3201,  
0.3242

 29.8438, 0.3257,  
0.3205


205.6704, 0.3196,  
0.3246

 19.7201, 0.3276,  
0.3193

250.3956, 0.3191,  
0.3248

 12.1917, 0.3302,  
0.3176

301.1757, 0.3187,  
0.3251

 6.8744, 0.3339,  
0.3153

358.3952, 0.3184,

 3.3837, 0.3395,

0.3253

0.3116

422.4384, 0.3181,  
0.3255

■ 1.3352, 0.3492,  
0.3055

■ 0.1682, 0.4663,  
0.2283

■ 79.6314, 0.3221,  
0.3229

■ 79.6314, 0.3221,  
0.3229

■ 66.3410, 0.3366,  
0.3146

■ 94.9239, 0.3103,  
0.3307

■ 54.9592, 0.3543,  
0.3060

■ 98.1618, 0.3066,  
0.3290

■ 45.4010, 0.3759,  
0.2973

■ 37.5704, 0.4018,  
0.2892

■ 31.3628, 0.4320,  
0.2826

■ 26.6621, 0.4659,  
0.2785

■ 23.3366, 0.5018,  
0.2782

■ 21.2315, 0.5370,  
0.2826

■ 20.1396, 0.5682,  
0.2917

# Harmonies

## Analogous

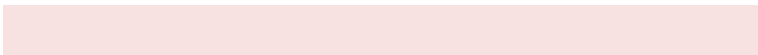
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.6314, 0.3135, 0.3169



79.6314, 0.3221, 0.3229



79.6314, 0.3282, 0.3305

# Triad

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



79.6314, 0.3221, 0.3229



79.6314, 0.3205, 0.3444



79.6314, 0.2957, 0.3198

# Complementary

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



79.6314, 0.3221, 0.3229



87.7351, 0.3041, 0.3352

# Split Complementary

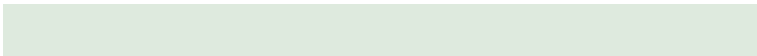
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.6314, 0.2975, 0.3272



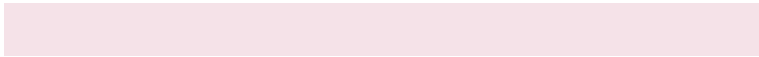
79.6314, 0.3221, 0.3229



79.6314, 0.3117, 0.3415

# Square

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



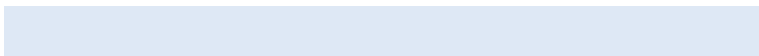
79.6314, 0.3221, 0.3229



79.6314, 0.3272, 0.3430



79.6314, 0.3033, 0.3352



79.6314, 0.2983, 0.3151

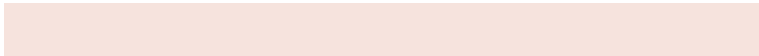


# Rectangle

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



79.6314, 0.3221, 0.3229



79.6314, 0.3300, 0.3355



79.6314, 0.3033, 0.3352



79.6314, 0.2958, 0.3221

# Sweetspot

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



79.6349, 0.3221, 0.3229



96.5667, 0.3150, 0.3275



79.2790, 0.3093, 0.3097



20.7052, 0.3149, 0.3275



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

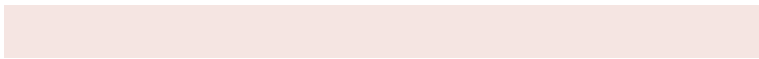
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.6349, 0.3221, 0.3229



85.2525, 0.3237, 0.3219



81.0414, 0.3258, 0.3323



16.5690, 0.3244, 0.3215



10.7736, 0.5703, 0.2915



0.9648, 0.5350, 0.2721



# Inverse Universe

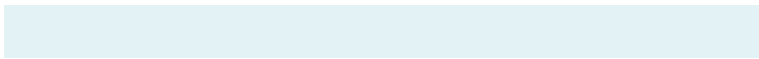
The Inverse Universe completely reimagines the original color for something new.



79.6349, 0.3221, 0.3229



85.2525, 0.3237, 0.3219



86.1916, 0.3007, 0.3257



16.5690, 0.3244, 0.3215



10.7736, 0.5703, 0.2915

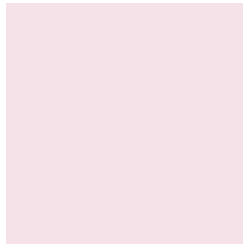


0.9648, 0.5350, 0.2721



# Previews

## White Background



This preview shows how the Yxy color 79.6314, 0.3221, 0.3229 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

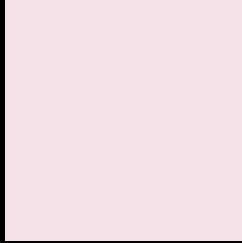
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 79.6314, 0.3221, 0.3229 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

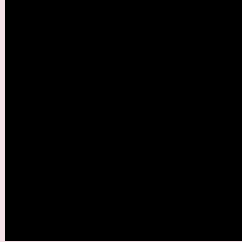
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

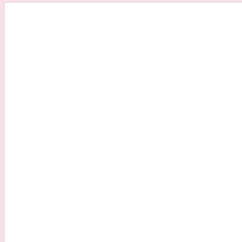
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 79.6314, 0.3221, 0.3229**

## **Background**



This preview shows how black text looks on a background with the Yxy color 79.6314, 0.3221, 0.3229.

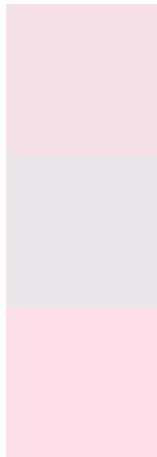


This preview shows how white text looks on a background with the Yxy color 79.6314, 0.3221, 0.3229.

# 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

79.6314, 0.3221, 0.3229

### Protanopia

80.0266, 0.3129, 0.3249

### Deuteranopia

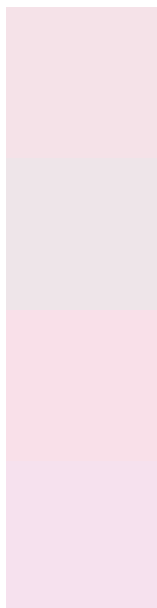
79.3540, 0.3266, 0.3190



## Tritanopia

79.3149, 0.3163, 0.3110

# Trichromacy



## Original Color

79.6314, 0.3221, 0.3229

## Protanomaly

80.0990, 0.3163, 0.3249

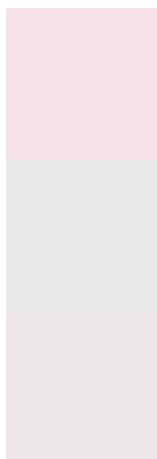
## Deuteranomaly

79.3342, 0.3244, 0.3200

## Tritanomaly

79.6163, 0.3189, 0.3159

# Monochromacy



## Original Color

79.6314, 0.3221, 0.3229

## Achromatopsia

80.6952, 0.3127, 0.3290

## Achromatomaly

80.4243, 0.3162, 0.3270

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 79.6314, 0.3221, 0.3229 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(245, 226, 232) looks like.

```
.text, #text, p{  
    color:rgb(245, 226, 232)  
}
```

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(245, 226, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 226, 232) }
```

## Border

The CSS property to change the border of an element to Yxy 79.6314, 0.3221, 0.3229 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(245, 226, 232) }
```

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

```
.border{ border-color:rgb(245, 226, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 226, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 226, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 226, 232);  
box-shadow:4px 4px 4px 4px rgb(245, 226,  
232) }
```



# Background

The CSS property to change the background color of an element to Yxy 79.6314, 0.3221, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 226, 232) }
```

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

```
.background{ background-color: rgb(245,  
226, 232) }
```

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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