

Converting Colors

$Yxy(67.3201, 0.3220, 0.3248)$

Have a look what the booklet for
Yxy(67.3201, 0.3220, 0.3248)
contains.

Yxy(67.1170, 0.3219, 0.3247)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.1170, 0.3219, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	E2D2D6
RGB	226, 210, 214
RGB Percent	89%, 82%, 84%
CMY	0.1138, 0.1764, 0.1609
CMYK	0.00, 0.07, 0.05, 0.11
HSL	345°, 22%, 85%
HSV	345°, 7%, 89%
XYZ	66.5382, 67.1170, 73.0494
YIQ	215.2400, 8.2520, 4.6360

Conversions

Conversions Part 2

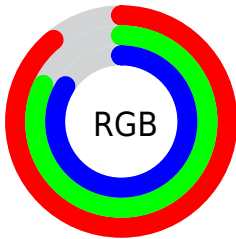
Format	Color
R _Y B	226, 210, 214
Decimal	14865110
CIE Lab	85.56, 6.19, 0.02
CIE LCh	86, 6.192, 0.219
Yxy	67.1170, 0.3219, 0.3247
Android (android.graphics.Color)	4293055190 (0xFFE2D2D6)
YUV	215.2400, -0.6113, 9.4365
Hunter-Lab	81.9250, 1.6063, 4.4808

Details

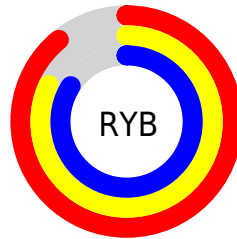
The Yxy color **67.1170, 0.3219, 0.3247** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.3549, 0.3043, 0.3333**, and the grayscale version is **68.1246, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.9381, 0.3248, 0.3248** is the 20% darker color. If you saturate the color by 10%, you get **55.9142, 0.3375, 0.3183**, and if you desaturate by 10%, it is **79.9917, 0.3093, 0.3307**.

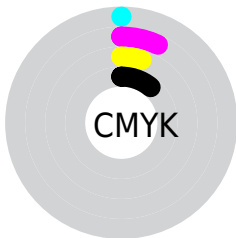
Distribution



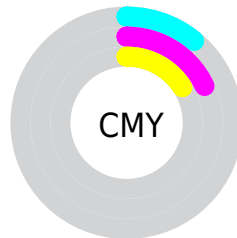
- Red (89%)
- Green (82%)
- Blue (84%)



- Red (89%)
- Yellow (82%)
- Blue (84%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (11%)



- Cyan (11%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.1170, 0.3219, 0.3247 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 67.1170, 0.3219, 0.3247 by changing the saturation by 10% instead.

67.1170, 0.3219,
0.3247

67.1170, 0.3219,
0.3247

450.3611, 0.3176,
0.3267

49.1797, 0.3229,
0.3242

115.0880, 0.3204,
0.3254

34.7621, 0.3242,
0.3236

145.8906, 0.3198,
0.3257

23.4796, 0.3257,
0.3229

181.7504, 0.3193,
0.3259

14.9481, 0.3279,
0.3219

223.0517, 0.3189,
0.3261

8.7830, 0.3308,
0.3205

270.1791, 0.3185,
0.3263

4.5999, 0.3352,
0.3184

323.5168, 0.3182,

2.0145, 0.3423,

0.3265

383.4494, 0.3179,
0.3266

0.3151

0.6159, 0.3644,
0.3047

0.0000, 0.0000,
0.0000

67.1170, 0.3219,
0.3247

67.1170, 0.3219,
0.3247

55.9142, 0.3375,
0.3183

79.9917, 0.3093,
0.3307

46.3060, 0.3567,
0.3115

94.4584, 0.2990,
0.3361

38.2222, 0.3801,
0.3048

94.9038, 0.2952,
0.3289

31.5839, 0.4084,
0.2985

■ 26.3051, 0.4416,
0.2934

■ 22.2905, 0.4789,
0.2904

■ 19.4326, 0.5183,
0.2907

■ 17.6053, 0.5562,
0.2951

■ 16.6457, 0.5883,
0.3035

Harmonies

Analogous

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



67.1170, 0.3147, 0.3192



67.1170, 0.3219, 0.3247



67.1170, 0.3267, 0.3314

Triad

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



67.1170, 0.3219, 0.3247



67.1170, 0.3183, 0.3422



67.1170, 0.2980, 0.3202

Complementary

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



67.1170, 0.3219, 0.3247



73.3549, 0.3043, 0.3333

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.



67.1170, 0.2990, 0.3264



67.1170, 0.3219, 0.3247



67.1170, 0.3106, 0.3392

Square

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



67.1170, 0.3219, 0.3247



67.1170, 0.3246, 0.3416



67.1170, 0.3036, 0.3333



67.1170, 0.3009, 0.3165

Rectangle

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



67.1170, 0.3219, 0.3247



67.1170, 0.3278, 0.3357



67.1170, 0.3036, 0.3333



67.1170, 0.2979, 0.3221

Sweetspot

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



67.1199, 0.3219, 0.3247



96.5446, 0.3152, 0.3278



67.1183, 0.3106, 0.3116



20.7007, 0.3151, 0.3279



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.



67.1199, 0.3219, 0.3247



86.7191, 0.3233, 0.3241



68.9141, 0.3243, 0.3334



13.7560, 0.3253, 0.3232



9.4036, 0.5928, 0.3039



0.6660, 0.5488, 0.2797

Inverse Universe

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



67.1199, 0.3219, 0.3247



86.7191, 0.3233, 0.3241



71.4264, 0.3018, 0.3246



13.7560, 0.3253, 0.3232



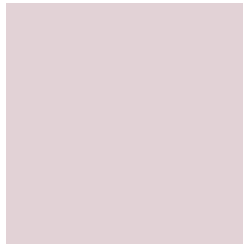
9.4036, 0.5928, 0.3039



0.6660, 0.5488, 0.2797

Previews

White Background



This preview shows how the Yxy color 67.1170, 0.3219, 0.3247 looks on a white background.

Color Contrast Check

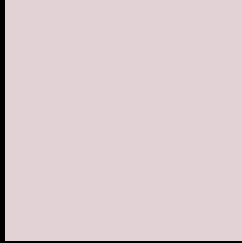
Large Text (above 18pt) WCAG AA × Fail

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 67.1170, 0.3219, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

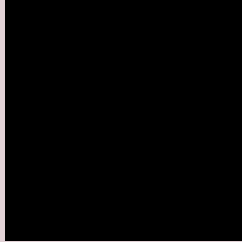
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

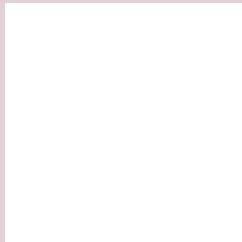
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.1170, 0.3219, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 67.1170, 0.3219, 0.3247.

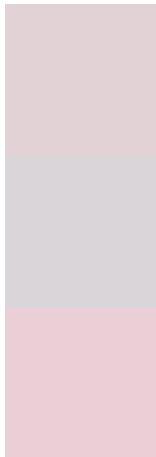


This preview shows how white text looks on a background with the Yxy color 67.1170, 0.3219, 0.3247.

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

67.1170, 0.3219, 0.3247

Protanopia

67.2981, 0.3136, 0.3257

Deuteranopia

67.0244, 0.3276, 0.3205



Tritanopia

67.0420, 0.3158, 0.3107

Trichromacy



Original Color

67.1170, 0.3219, 0.3247

Protanomaly

67.2089, 0.3166, 0.3257

Deuteranomaly

67.0070, 0.3252, 0.3215

Tritanomaly

67.1523, 0.3178, 0.3160

Monochromacy



Original Color

67.1170, 0.3219, 0.3247

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.5549, 0.3158, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1170, 0.3219, 0.3247 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, 210, 214)` looks like.

```
.text, #text, p{  
    color:rgb(226, 210, 214)  
}
```

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, 210, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 210, 214) }
```

Border

The CSS property to change the border of an element to Yxy 67.1170, 0.3219, 0.3247 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, 210, 214) }
```

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

```
.border{ border-color:rgb(226, 210, 214) }
```

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

Here you see how a box with a 4 pixel rgb(226, 210, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 210, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 210, 214);  
box-shadow:4px 4px 4px 4px rgb(226, 210,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1170, 0.3219, 0.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 210, 214) }
```

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

```
.background{ background-color: rgb(226,  
210, 214) }
```

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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