

Converting Colors

Yxy(67.2059, 0.3143, 0.3117)

Have a look what the booklet for
Yxy(67.2059, 0.3143, 0.3117)
contains.

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Color

Yxy(67.2059, 0.3143, 0.3117)

Conversions

Conversions Part 1

Format	Color
Hex	E2D1E1
RGB	226, 209, 225
RGB Percent	89%, 82%, 88%
CMY	0.1135, 0.1804, 0.1176
CMYK	0.00, 0.08, 0.00, 0.11
HSL	304°, 23%, 85%
HSV	304°, 8%, 89%
XYZ	67.7665, 67.2059, 80.6385
YIQ	215.9070, 4.9960, 8.5800

Conversions

Conversions Part 2

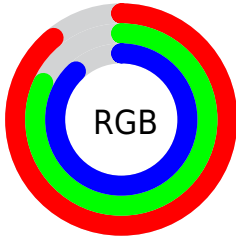
Format	Color
R _Y B	226, 209, 225
Decimal	14864865
CIE Lab	85.61, 8.71, -5.76
CIE LCh	86, 10.448, 326.519
Yxy	67.2059, 0.3143, 0.3117
Android (android.graphics.Color)	4293054945 (0xFFE2D1E1)
YUV	215.9070, 4.4828, 8.8516
Hunter-Lab	81.9792, 4.0899, -0.9349

Details

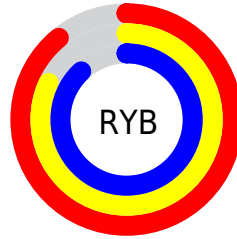
The Yxy color `67.2059, 0.3143, 0.3117` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `72.6271, 0.3112, 0.3469`, and the grayscale version is `68.5746, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `35.0029, 0.3147, 0.3079` is the 20% darker color. If you saturate the color by 10%, you get `56.8182, 0.3166, 0.2882`, and if you desaturate by 10%, it is `79.1737, 0.3122, 0.3345`.

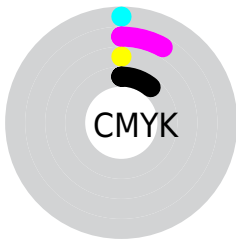
Distribution



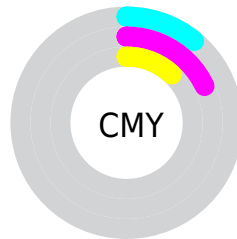
- Red (89%)
- Green (82%)
- Blue (88%)



- Red (89%)
- Yellow (82%)
- Blue (88%)



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)





- Cyan (11%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.2059, 0.3143, 0.3117 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 67.2059, 0.3143, 0.3117 by changing the saturation by 10% instead.


 67.2059, 0.3143,
0.3117

 67.2059, 0.3143,
0.3117


450.6773, 0.3136,
0.3197

 49.2520, 0.3144,
0.3099


115.2154, 0.3141,
0.3145

 34.8194, 0.3146,
0.3076


146.0398, 0.3140,
0.3156

 23.5238, 0.3148,
0.3047


181.9230, 0.3139,
0.3165

 14.9807, 0.3151,
0.3009

223.2497, 0.3138,
0.3173

 8.8059, 0.3155,
0.2958

270.4040, 0.3138,
0.3180

 4.6148, 0.3159,
0.2883

323.7705, 0.3137,

 2.0231, 0.3165,

0.3187

0.2765

383.7334, 0.3137,
0.3192

0.6208, 0.3202,
0.2476

0.0000, 0.0000,
0.0000

67.2059, 0.3143,
0.3117

67.2059, 0.3143,
0.3117

56.8182, 0.3166,
0.2882

79.1737, 0.3122,
0.3345

47.9359, 0.3191,
0.2645

92.7749, 0.3104,
0.3561

40.4913, 0.3217,
0.2414

93.3617, 0.3096,
0.3555

34.4083, 0.3244,
0.2199

93.4392, 0.3088,
0.3540

■ 29.6036, 0.3272,
0.2008

■ 93.5172, 0.3080,
0.3526

■ 25.9848, 0.3298,
0.1852

■ 93.5959, 0.3072,
0.3512

■ 23.4472, 0.3323,
0.1737

■ 93.6752, 0.3065,
0.3497

■ 21.8678, 0.3346,
0.1665

■ 93.7551, 0.3057,
0.3483

■ 21.0803, 0.3366,
0.1635

■ 93.8356, 0.3049,
0.3469

Harmonies

Analogous

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



67.2059, 0.3015, 0.3073



67.2059, 0.3143, 0.3117



67.2059, 0.3268, 0.3204

Triad

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



67.2059, 0.3143, 0.3117



67.2059, 0.3337, 0.3496



67.2059, 0.2903, 0.3258

Complementary

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



67.2059, 0.3143, 0.3117



72.6271, 0.3112, 0.3469

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.



67.2059, 0.2986, 0.3377



67.2059, 0.3143, 0.3117



67.2059, 0.3236, 0.3516

Square

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



67.2059, 0.3143, 0.3117



67.2059, 0.3382, 0.3421



67.2059, 0.3107, 0.3473



67.2059, 0.2879, 0.3152

Rectangle

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



67.2059, 0.3143, 0.3117



67.2059, 0.3333, 0.3277



67.2059, 0.3107, 0.3473



67.2059, 0.2925, 0.3298

Sweetspot

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



67.2088, 0.3143, 0.3117



96.7691, 0.3131, 0.3244



64.7678, 0.3018, 0.3099



20.7464, 0.3131, 0.3247



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.



67.2088, 0.3143, 0.3117



86.1315, 0.3146, 0.3082



66.7646, 0.3201, 0.3207



13.9204, 0.3147, 0.3073



11.9487, 0.3368, 0.1629



0.8327, 0.3341, 0.1614

Inverse Universe

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



67.2088, 0.3143, 0.3117



86.1315, 0.3146, 0.3082



73.0539, 0.3059, 0.3375



13.9204, 0.3147, 0.3073



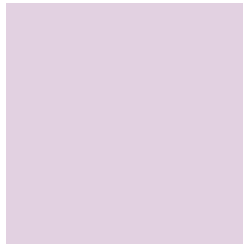
11.9487, 0.3368, 0.1629



0.8327, 0.3341, 0.1614

Previews

White Background



This preview shows how the Yxy color 67.2059, 0.3143, 0.3117 looks on a white background.

Color Contrast Check

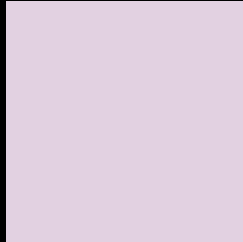
Large Text (above 18pt) WCAG AA × Fail

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 67.2059, 0.3143, 0.3117 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

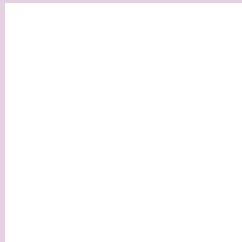
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.2059, 0.3143, 0.3117

Background



This preview shows how black text looks on a background with the Yxy color 67.2059, 0.3143, 0.3117.

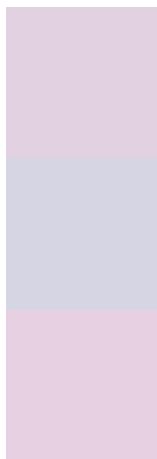


This preview shows how white text looks on a background with the Yxy color 67.2059, 0.3143, 0.3117.

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

67.2059, 0.3143, 0.3117

Protanopia

67.4307, 0.3041, 0.3135

Deuteranopia

67.3710, 0.3173, 0.3108



Tritanopia

67.2059, 0.3143, 0.3117

Trichromacy



Original Color

67.2059, 0.3143, 0.3117

Protanomaly

67.4834, 0.3076, 0.3136

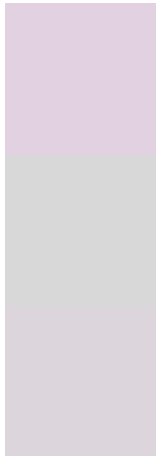
Deuteranomaly

67.2060, 0.3166, 0.3108

Tritanomaly

67.2059, 0.3143, 0.3117

Monochromacy



Original Color

67.2059, 0.3143, 0.3117

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.9186, 0.3138, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2059, 0.3143, 0.3117 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, 209, 225)` looks like.

```
.text, #text, p{  
    color:rgb(226, 209, 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(226, 209, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 209, 225) }
```

Border

The CSS property to change the border of an element to Yxy 67.2059, 0.3143, 0.3117 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, 209, 225) }
```

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

```
.border{ border-color:rgb(226, 209, 225) }
```

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

Here you see how a box with a 4 pixel rgb(226, 209, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 209, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 209, 225);  
box-shadow:4px 4px 4px 4px rgb(226, 209,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2059, 0.3143, 0.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 209, 225) }
```

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

```
.background{ background-color: rgb(226,  
209, 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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