

Converting Colors

Yxy(67.8348, 0.3125, 0.3161)

Have a look what the booklet for
Yxy(67.8348, 0.3125, 0.3161)
contains.

Yxy(67.9443, 0.3125, 0.3170)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.9443, 0.3125, 0.3170)

Conversions

Conversions Part 1

Format	Color
Hex	DED4DF
RGB	222, 212, 223
RGB Percent	87%, 83%, 87%
CMY	0.1296, 0.1686, 0.1254
CMYK	0.00, 0.05, 0.00, 0.13
HSL	294°, 15%, 85%
HSV	294°, 5%, 87%
XYZ	66.9798, 67.9443, 79.4112
YIQ	216.2440, 2.4290, 5.5410

Conversions

Conversions Part 2

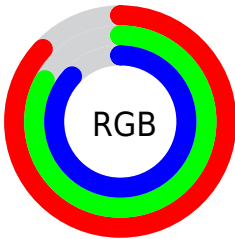
Format	Color
R _Y B	222, 212, 223
Decimal	14603487
CIE Lab	85.98, 5.38, -4.20
CIE LCh	86, 6.827, 322.015
Yxy	67.9443, 0.3125, 0.3170
Android (android.graphics.Color)	4292793567 (0xFFDED4DF)
YUV	216.2440, 3.3307, 5.0480
Hunter-Lab	82.4283, 0.7963, 0.5800

Details

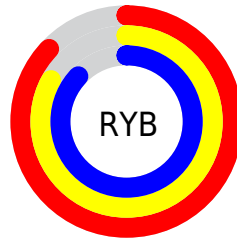
The Yxy color **67.9443, 0.3125, 0.3170** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.6995, 0.3129, 0.3412**, and the grayscale version is **68.8191, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.1566, 0.3125, 0.3133** is the 20% darker color. If you saturate the color by 10%, you get **57.2175, 0.3119, 0.2919**, and if you desaturate by 10%, it is **80.2214, 0.3129, 0.3410**.

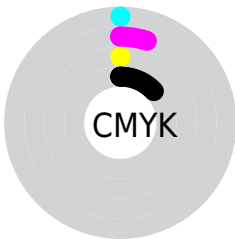
Distribution



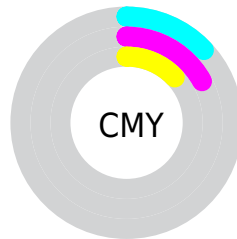
- Red (87%)
- Green (83%)
- Blue (87%)



- Red (87%)
- Yellow (83%)
- Blue (87%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (13%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.9443, 0.3125, 0.3170 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 67.9443, 0.3125, 0.3170 by changing the saturation by 10% instead.

 67.9443, 0.3125,
0.3170

 67.9443, 0.3125,
0.3170


453.2986, 0.3126,
0.3226

 49.8524, 0.3125,
0.3157


116.2725, 0.3125,
0.3189

 35.2962, 0.3124,
0.3141


147.2775, 0.3126,
0.3197

 23.8911, 0.3124,
0.3121


183.3558, 0.3126,
0.3203

 15.2529, 0.3123,
0.3095

224.8916, 0.3126,
0.3209

 8.9970, 0.3121,
0.3058

272.2694, 0.3126,
0.3214

 4.7392, 0.3119,
0.3005

325.8736, 0.3126,

 2.0951, 0.3114,

0.3218

0.2921

386.0885, 0.3126,
0.3222

0.6619, 0.3120,
0.2715

0.0000, 0.0000,
0.0000

67.9443, 0.3125,
0.3170

67.9443, 0.3125,
0.3170

57.2175, 0.3119,
0.2919

80.2214, 0.3129,
0.3410

47.9695, 0.3110,
0.2663

93.0607, 0.3132,
0.3619

40.1362, 0.3099,
0.2409

93.4115, 0.3145,
0.3618

33.6452, 0.3085,
0.2166

93.7667, 0.3159,
0.3616

■ 28.4181, 0.3067,
0.1944

■ 94.1264, 0.3172,
0.3615

■ 24.3679, 0.3047,
0.1753

■ 94.4904, 0.3186,
0.3614

■ 21.3969, 0.3025,
0.1601

■ 94.8589, 0.3200,
0.3612

■ 19.3917, 0.3001,
0.1493

■ 95.2318, 0.3213,
0.3611

■ 18.2130, 0.2977,
0.1428

■ 95.6092, 0.3227,
0.3610

Harmonies

Analogous

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



67.9443, 0.3043, 0.3147



67.9443, 0.3125, 0.3170



67.9443, 0.3208, 0.3224

Triad

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



67.9443, 0.3125, 0.3170



67.9443, 0.3271, 0.3419



67.9443, 0.2986, 0.3282

Complementary

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



67.9443, 0.3125, 0.3170



71.6995, 0.3129, 0.3412

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.



67.9443, 0.3046, 0.3357



67.9443, 0.3125, 0.3170



67.9443, 0.3210, 0.3437

Square

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



67.9443, 0.3125, 0.3170



67.9443, 0.3293, 0.3367



67.9443, 0.3128, 0.3415



67.9443, 0.2964, 0.3210

Rectangle

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



67.9443, 0.3125, 0.3170



67.9443, 0.3253, 0.3271



67.9443, 0.3128, 0.3415



67.9443, 0.3003, 0.3308

Sweetspot

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



67.9472, 0.3125, 0.3170



98.3371, 0.3127, 0.3266



66.9756, 0.3053, 0.3180



21.0657, 0.3127, 0.3267



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.



67.9472, 0.3125, 0.3170



90.3446, 0.3124, 0.3143



67.8811, 0.3163, 0.3218



14.5530, 0.3124, 0.3129



10.4998, 0.2968, 0.1409



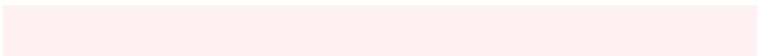
0.7476, 0.3008, 0.1430

Inverse Universe

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



67.5947, 0.3202, 0.3279



89.7651, 0.3219, 0.3276



71.7664, 0.3093, 0.3363



14.4504, 0.3229, 0.3275



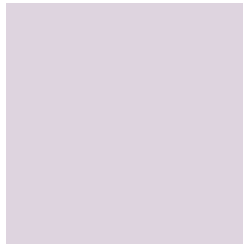
9.2647, 0.6285, 0.3236



0.6496, 0.6004, 0.3081

Previews

White Background



This preview shows how the Yxy color 67.9443, 0.3125, 0.3170 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 67.9443, 0.3125, 0.3170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

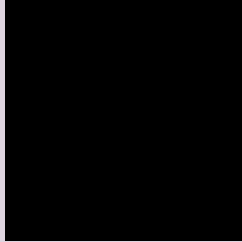
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

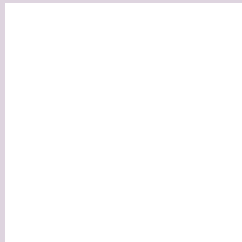
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.9443, 0.3125, 0.3170

Background



This preview shows how black text looks on a background with the Yxy color 67.9443, 0.3125, 0.3170.

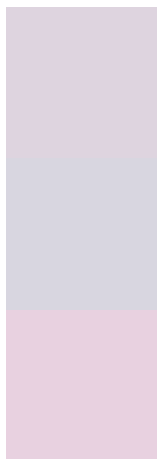


This preview shows how white text looks on a background with the Yxy color 67.9443, 0.3125, 0.3170.

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

67.9443, 0.3125, 0.3170

Protanopia

68.0739, 0.3074, 0.3180

Deuteranopia

68.1386, 0.3194, 0.3130



Tritanopia

67.8779, 0.3099, 0.3106

Trichromacy



Original Color

67.9443, 0.3125, 0.3170

Protanomaly

67.8757, 0.3089, 0.3169

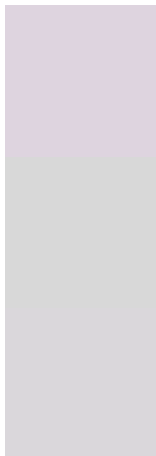
Deuteranomaly

67.9690, 0.3164, 0.3140

Tritanomaly

67.7675, 0.3113, 0.3127

Monochromacy



Original Color

67.9443, 0.3125, 0.3170

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.6208, 0.3122, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9443, 0.3125, 0.3170 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(222, 212, 223)` looks like.

```
.text, #text, p{  
    color:rgb(222, 212, 223)  
}
```

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(222, 212, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 212, 223) }
```

Border

The CSS property to change the border of an element to Yxy 67.9443, 0.3125, 0.3170 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(222, 212, 223) }
```

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

```
.border{ border-color:rgb(222, 212, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 212, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 212, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 212, 223);  
box-shadow:4px 4px 4px 4px rgb(222, 212,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9443, 0.3125, 0.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 212, 223) }
```

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

```
.background{ background-color: rgb(222,  
212, 223) }
```

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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