

Converting Colors

$Yxy(75.9985, 0.3147, 0.3099)$

Have a look what the booklet for
Yxy(75.9985, 0.3147, 0.3099)
contains.

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Color

Yxy(75.9437, 0.3143, 0.3096)

Conversions

Conversions Part 1

Format	Color
Hex	F0DCEF
RGB	240, 220, 239
RGB Percent	94%, 86%, 94%
CMY	0.0590, 0.1372, 0.0627
CMYK	0.00, 0.08, 0.00, 0.06
HSL	303°, 40%, 90%
HSV	303°, 8%, 94%
XYZ	77.0966, 75.9437, 92.2559
YIQ	228.1460, 5.8210, 10.1490

Conversions

Conversions Part 2

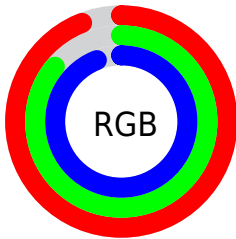
Format	Color
R _Y B	240, 220, 239
Decimal	15785199
CIE Lab	89.83, 10.13, -6.78
CIE LCh	90, 12.187, 326.190
Yxy	75.9437, 0.3143, 0.3096
Android (android.graphics.Color)	4293975279 (0xFFFF0DCEF)
YUV	228.1460, 5.3510, 10.3960
Hunter-Lab	87.1457, 5.4116, -1.7648

Details

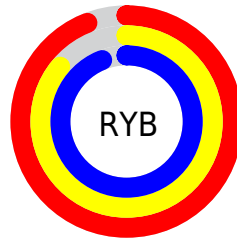
The Yxy color `75.9437, 0.3143, 0.3096` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `82.7319, 0.3111, 0.3492`, and the grayscale version is `77.6508, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `40.5195, 0.3147, 0.3053` is the 20% darker color. If you saturate the color by 10%, you get `64.1732, 0.3164, 0.2856`, and if you desaturate by 10%, it is `89.5290, 0.3124, 0.3329`.

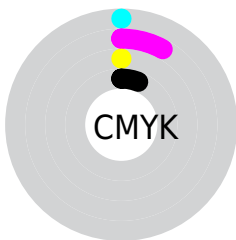
Distribution



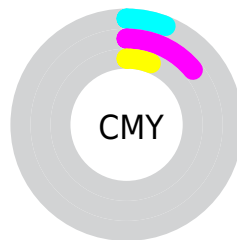
- Red (94%)
- Green (86%)
- Blue (94%)



- Red (94%)
- Yellow (86%)
- Blue (94%)



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (6%)




- Cyan (6%)
- Magenta (14%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.9437, 0.3143, 0.3096 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 75.9437, 0.3143, 0.3096 by changing the saturation by 10% instead.


 75.9437, 0.3143,
0.3096

 75.9437, 0.3143,
0.3096


481.1550, 0.3136,
0.3184

 56.3863, 0.3144,
0.3076


127.6473, 0.3141,
0.3126

 40.5128, 0.3146,
0.3052


160.5624, 0.3140,
0.3138

 27.9386, 0.3148,
0.3022


198.6988, 0.3139,
0.3148

 18.2794, 0.3150,
0.2983

242.4409, 0.3138,
0.3157

 11.1507, 0.3153,
0.2932

292.1732, 0.3138,
0.3165

 6.1683, 0.3157,
0.2859

348.2801, 0.3137,

 2.9477, 0.3161,

0.3172

0.2749

411.1459, 0.3137,
0.3178

■ 1.1045, 0.3164,
0.2564

■ 0.0000, 0.3359,
0.0000

■ 75.9437, 0.3143,
0.3096

■ 75.9437, 0.3143,
0.3096

■ 64.1732, 0.3164,
0.2856

■ 89.5290, 0.3124,
0.3329

■ 54.1310, 0.3186,
0.2616

■ 96.4061, 0.3112,
0.3425

■ 45.7383, 0.3209,
0.2383

■ 96.4751, 0.3106,
0.3414

■ 38.9063, 0.3233,
0.2167

■ 96.5446, 0.3099,
0.3402

33.5380, 0.3256,
0.1977

96.6144, 0.3093,
0.3391

29.5252, 0.3278,
0.1823

96.6847, 0.3086,
0.3379

26.7452, 0.3299,
0.1711

96.7555, 0.3080,
0.3368

25.0531, 0.3317,
0.1642

96.8267, 0.3073,
0.3357

24.2437, 0.3332,
0.1614

96.8983, 0.3067,
0.3345

Harmonies

Analogous

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



75.9437, 0.3001, 0.3048



75.9437, 0.3143, 0.3096



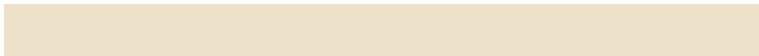
75.9437, 0.3284, 0.3193

Triad

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



75.9437, 0.3143, 0.3096



75.9437, 0.3364, 0.3520



75.9437, 0.2877, 0.3256

Complementary

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



75.9437, 0.3143, 0.3096



82.7319, 0.3111, 0.3492

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.



75.9437, 0.2970, 0.3389



75.9437, 0.3143, 0.3096



75.9437, 0.3251, 0.3544

Square

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



75.9437, 0.3143, 0.3096



75.9437, 0.3413, 0.3435



75.9437, 0.3106, 0.3496



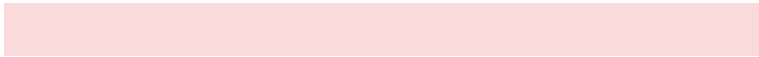
75.9437, 0.2849, 0.3136

Rectangle

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



75.9437, 0.3143, 0.3096



75.9437, 0.3357, 0.3274



75.9437, 0.3106, 0.3496



75.9437, 0.2902, 0.3300

Sweetspot

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



75.9470, 0.3143, 0.3096



96.7734, 0.3131, 0.3244



72.8090, 0.3003, 0.3078



20.7473, 0.3131, 0.3246



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

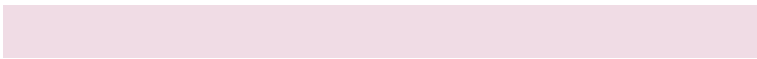
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9470, 0.3143, 0.3096



84.7173, 0.3146, 0.3055



75.3902, 0.3208, 0.3194



16.0176, 0.3145, 0.3068



13.2287, 0.3333, 0.1610



1.1045, 0.3315, 0.1600

Inverse Universe

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



75.9470, 0.3143, 0.3096



84.7173, 0.3146, 0.3055



83.2626, 0.3053, 0.3388



16.0176, 0.3145, 0.3068



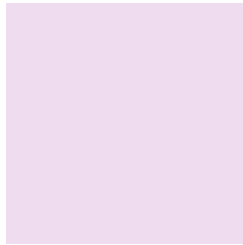
13.2287, 0.3333, 0.1610



1.1045, 0.3315, 0.1600

Previews

White Background



This preview shows how the Yxy color 75.9437, 0.3143, 0.3096 looks on a white background.

Color Contrast Check

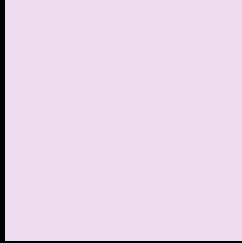
Large Text (above 18pt) WCAG AA × Fail

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 75.9437, 0.3143, 0.3096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

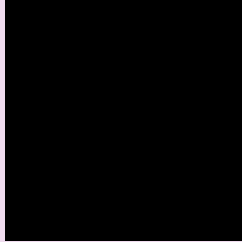
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

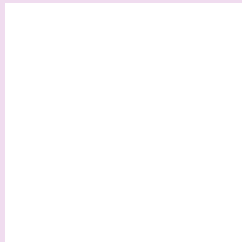
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.9437, 0.3143, 0.3096

Background



This preview shows how black text looks on a background with the Yxy color 75.9437, 0.3143, 0.3096.



This preview shows how white text looks on a background with the Yxy color 75.9437, 0.3143, 0.3096.

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

75.9437, 0.3143, 0.3096

Protanopia

76.2688, 0.3019, 0.3112

Deuteranopia

75.7723, 0.3158, 0.3086



Tritanopia

75.8847, 0.3150, 0.3106

Trichromacy



Original Color

75.9437, 0.3143, 0.3096

Protanomaly

75.9492, 0.3060, 0.3103

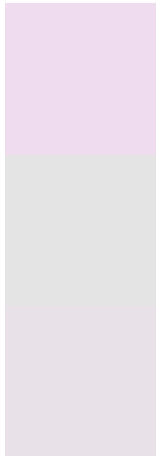
Deuteranomaly

75.5958, 0.3151, 0.3086

Tritanomaly

75.8847, 0.3150, 0.3106

Monochromacy



Original Color

75.9437, 0.3143, 0.3096

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.8324, 0.3131, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9437, 0.3143, 0.3096 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(240, 220, 239) looks like.

```
.text, #text, p{  
    color:rgb(240, 220, 239)  
}
```

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(240, 220, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 220, 239) }
```

Border

The CSS property to change the border of an element to Yxy 75.9437, 0.3143, 0.3096 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(240, 220, 239) }
```

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

```
.border{ border-color:rgb(240, 220, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 220, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 220, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 220, 239);  
box-shadow:4px 4px 4px 4px rgb(240, 220,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9437, 0.3143, 0.3096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 220, 239) }
```

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

```
.background{ background-color: rgb(240,  
220, 239) }
```

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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