

Converting Colors

$Yxy(76.9996, 0.3164, 0.3107)$

Have a look what the booklet for
Yxy(76.9996, 0.3164, 0.3107)
contains.

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Color

Yxy(76.9996, 0.3164, 0.3107)

Conversions

Conversions Part 1

Format	Color
Hex	F3DDEF
RGB	243, 221, 239
RGB Percent	95%, 87%, 94%
CMY	0.0469, 0.1334, 0.0626
CMYK	0.00, 0.09, 0.02, 0.05
HSL	311°, 48%, 91%
HSV	311°, 9%, 95%
XYZ	78.4122, 76.9996, 92.4144
YIQ	229.6300, 7.3340, 10.2620

Conversions

Conversions Part 2

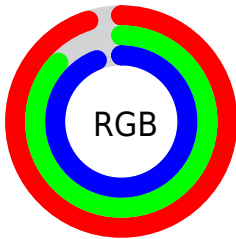
Format	Color
R _Y B	243, 221, 239
Decimal	15982063
CIE Lab	90.32, 10.66, -6.05
CIE LCh	90, 12.255, 330.430
Yxy	76.9996, 0.3164, 0.3107
Android (android.graphics.Color)	4294172143 (0xFFFF3DDEF)
YUV	229.6300, 4.6194, 11.7255
Hunter-Lab	87.7494, 5.9448, -1.0174

Details

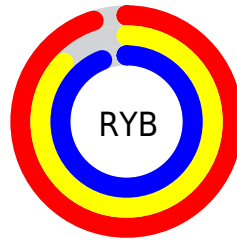
The Yxy color `76.9996, 0.3164, 0.3107` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `84.9321, 0.3092, 0.3480`, and the grayscale version is `78.8105, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `41.2561, 0.3174, 0.3069` is the 20% darker color. If you saturate the color by 10%, you get `64.8274, 0.3211, 0.2898`, and if you desaturate by 10%, it is `91.0426, 0.3124, 0.3308`.

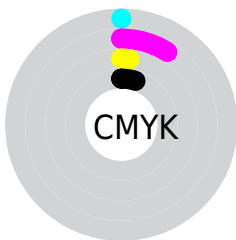
Distribution



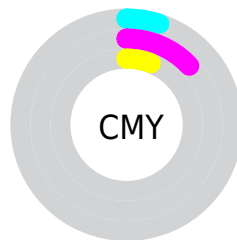
- Red (95%)
- Green (87%)
- Blue (94%)



- Red (95%)
- Yellow (87%)
- Blue (94%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (5%)




- Cyan (5%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.9996, 0.3164, 0.3107 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 76.9996, 0.3164, 0.3107 by changing the saturation by 10% instead.


 76.9996, 0.3164,
0.3107

 76.9996, 0.3164,
0.3107

484.7627, 0.3148,
0.3190

 57.2525, 0.3168,
0.3089


129.1389, 0.3158,
0.3135

 41.2080, 0.3172,
0.3066


162.3000, 0.3156,
0.3146

 28.4817, 0.3177,
0.3038


200.7011, 0.3154,
0.3156

 18.6891, 0.3184,
0.3001

244.7268, 0.3153,
0.3164

 11.4458, 0.3193,
0.2953

294.7614, 0.3151,
0.3172

 6.3675, 0.3205,
0.2885

351.1893, 0.3150,

 3.0698, 0.3223,

0.3178

0.2783

414.3950, 0.3149,
0.3184

■ 1.1683, 0.3250,
0.2612

■ 0.0356, 0.3716,
0.0450

■ 76.9996, 0.3164,
0.3107

■ 76.9996, 0.3164,
0.3107

■ 64.8274, 0.3211,
0.2898

■ 91.0426, 0.3124,
0.3308

■ 54.4363, 0.3264,
0.2687

■ 97.3511, 0.3094,
0.3360

■ 45.7446, 0.3323,
0.2481

■ 97.6284, 0.3069,
0.3316

■ 38.6599, 0.3388,
0.2287

■ 97.8019, 0.3054,
0.3290

■ 33.0813, 0.3457,
0.2118

■ 28.8962, 0.3528,
0.1981

■ 25.9765, 0.3599,
0.1887

■ 24.1701, 0.3669,
0.1839

■ 23.2467, 0.3734,
0.1834

Harmonies

Analogous

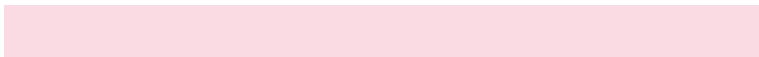
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.9996, 0.3019, 0.3051



76.9996, 0.3164, 0.3107



76.9996, 0.3302, 0.3209

Triad

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



76.9996, 0.3164, 0.3107



76.9996, 0.3351, 0.3528



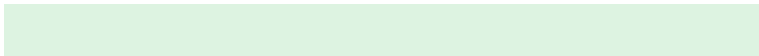
76.9996, 0.2869, 0.3237

Complementary

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



76.9996, 0.3164, 0.3107



84.9321, 0.3092, 0.3480

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.



76.9996, 0.2954, 0.3371



76.9996, 0.3164, 0.3107



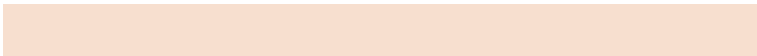
76.9996, 0.3231, 0.3542

Square

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



76.9996, 0.3164, 0.3107



76.9996, 0.3411, 0.3450



76.9996, 0.3086, 0.3484



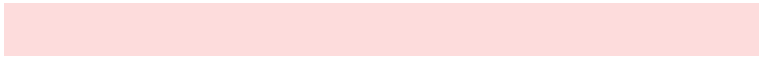
76.9996, 0.2851, 0.3122

Rectangle

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



76.9996, 0.3164, 0.3107



76.9996, 0.3370, 0.3292



76.9996, 0.3086, 0.3484



76.9996, 0.2890, 0.3281

Sweetspot

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



77.0029, 0.3164, 0.3107



95.1265, 0.3139, 0.3230



74.1343, 0.3011, 0.3058



20.0892, 0.3142, 0.3214



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

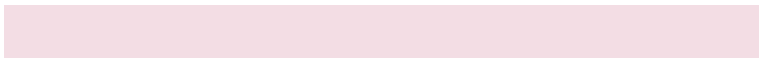
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.0029, 0.3164, 0.3107



83.0667, 0.3173, 0.3067



76.3894, 0.3236, 0.3215



16.7136, 0.3166, 0.3098



12.7350, 0.3730, 0.1829



1.1324, 0.3653, 0.1786

Inverse Universe

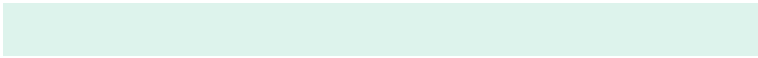
The Inverse Universe completely reimagines the original color for something new.



77.0029, 0.3164, 0.3107



83.0667, 0.3173, 0.3067



85.5341, 0.3029, 0.3366



16.7136, 0.3166, 0.3098



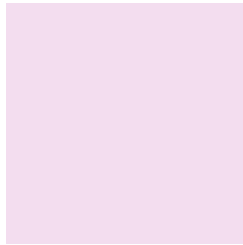
12.7350, 0.3730, 0.1829



1.1324, 0.3653, 0.1786

Previews

White Background



This preview shows how the Yxy color 76.9996, 0.3164, 0.3107 looks on a white background.

Color Contrast Check

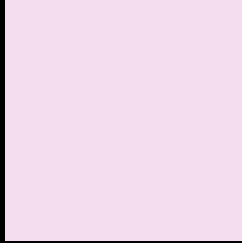
Large Text (above 18pt) WCAG AA × Fail

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 76.9996, 0.3164, 0.3107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

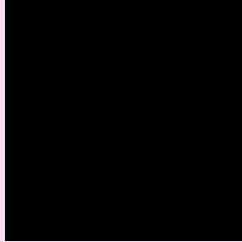
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.9996, 0.3164, 0.3107

Background



This preview shows how black text looks on a background with the Yxy color 76.9996, 0.3164, 0.3107.



This preview shows how white text looks on a background with the Yxy color 76.9996, 0.3164, 0.3107.

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

76.9996, 0.3164, 0.3107

Protanopia

77.1344, 0.3033, 0.3123

Deuteranopia

77.1780, 0.3171, 0.3108



Tritanopia

76.9406, 0.3171, 0.3117

Trichromacy



Original Color

76.9996, 0.3164, 0.3107

Protanomaly

76.9858, 0.3080, 0.3114

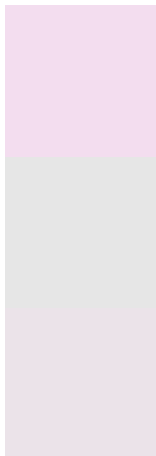
Deuteranomaly

77.1780, 0.3171, 0.3108

Tritanomaly

76.9406, 0.3171, 0.3117

Monochromacy



Original Color

76.9996, 0.3164, 0.3107

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.4835, 0.3144, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.9996, 0.3164, 0.3107 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(243, 221, 239)` looks like.

```
.text, #text, p{  
    color:rgb(243, 221, 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(243, 221, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 221, 239) }
```

Border

The CSS property to change the border of an element to Yxy 76.9996, 0.3164, 0.3107 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(243, 221, 239) }
```

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

```
.border{ border-color:rgb(243, 221, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 221, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 221, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 221, 239); box-shadow:4px 4px 4px 4px rgb(243, 221, 239) }
```


Background

The CSS property to change the background color of an element to Yxy 76.9996, 0.3164, 0.3107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 221, 239) }
```

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

```
.background{ background-color: rgb(243,  
221, 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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