

Converting Colors

$Yxy(77.0508, 0.3206, 0.3107)$

Have a look what the booklet for
Yxy(77.0508, 0.3206, 0.3107)
contains.

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Color

Yxy(77.3159, 0.3207, 0.3109)

Conversions

Conversions Part 1

Format	Color
Hex	F8DCEE
RGB	248, 220, 238
RGB Percent	97%, 86%, 93%
CMY	0.0272, 0.1373, 0.0666
CMYK	0.00, 0.11, 0.04, 0.03
HSL	321°, 67%, 92%
HSV	321°, 11%, 97%
XYZ	79.7530, 77.3159, 91.6152
YIQ	230.4240, 10.9100, 11.5340

Conversions

Conversions Part 2

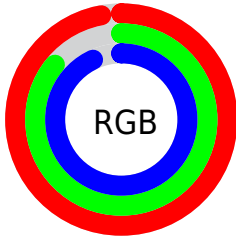
Format	Color
R _Y B	248, 220, 238
Decimal	16309486
CIE Lab	90.47, 12.69, -5.25
CIE LCh	90, 13.733, 337.526
Yxy	77.3159, 0.3207, 0.3109
Android (android.graphics.Color)	4294499566 (0xFFFF8DCEE)
YUV	230.4240, 3.7350, 15.4142
Hunter-Lab	87.9295, 8.0249, -0.2247

Details

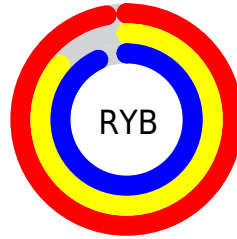
The Yxy color $77.3159, 0.3207, 0.3109$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $88.0987, 0.3055, 0.3478$, and the grayscale version is $79.4334, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $41.3640, 0.3221, 0.3071$ is the 20% darker color. If you saturate the color by 10%, you get $64.7422, 0.3292, 0.2942$, and if you desaturate by 10%, it is $91.8540, 0.3136, 0.3270$.

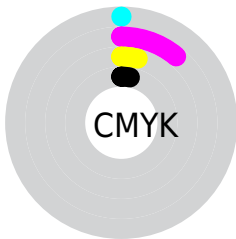
Distribution



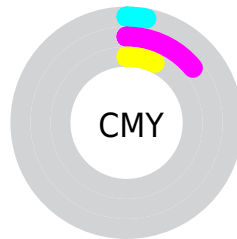
- Red (97%)
- Green (86%)
- Blue (93%)



- Red (97%)
- Yellow (86%)
- Blue (93%)



- Cyan (0%)
- Magenta (11%)
- Yellow (4%)
- Black (3%)





- Cyan (3%)
- Magenta (14%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.3159, 0.3207, 0.3109 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 77.3159, 0.3207, 0.3109 by changing the saturation by 10% instead.


 77.3159, 0.3207,
0.3109

 77.3159, 0.3207,
0.3109


485.8404, 0.3171,
0.3191

 57.5122, 0.3215,
0.3091


129.5853, 0.3195,
0.3137

 41.4166, 0.3225,
0.3069

162.8198, 0.3190,
0.3148

 28.6447, 0.3237,
0.3041

201.3000, 0.3186,
0.3157

 18.8122, 0.3253,
0.3005

245.4103, 0.3182,
0.3166

 11.5347, 0.3274,
0.2957

295.5351, 0.3179,
0.3173

 6.4277, 0.3303,
0.2890

352.0588, 0.3176,

 3.1068, 0.3347,

0.3180

0.2790

415.3658, 0.3173,
0.3185

■ 1.1878, 0.3420,
0.2622

■ 0.0517, 0.4304,
0.0620

■ 77.3159, 0.3207,
0.3109

■ 77.3159, 0.3207,
0.3109

■ 64.7422, 0.3292,
0.2942

■ 91.8540, 0.3136,
0.3270

■ 54.0374, 0.3391,
0.2771

■ 98.7070, 0.3084,
0.3290

■ 45.1137, 0.3507,
0.2604

■ 37.8717, 0.3638,
0.2449

■ 32.2026, 0.3783,
0.2316

■ 27.9843, 0.3939,
0.2217

■ 25.0770, 0.4100,
0.2163

■ 23.3126, 0.4261,
0.2160

■ 22.4796, 0.4397,
0.2196

Harmonies

Analogous

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



77.3159, 0.3043, 0.3032



77.3159, 0.3207, 0.3109



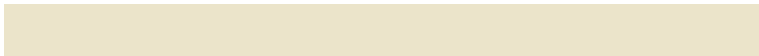
77.3159, 0.3353, 0.3231

Triad

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



77.3159, 0.3207, 0.3109



77.3159, 0.3351, 0.3567



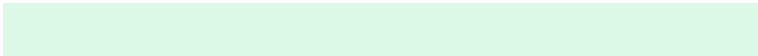
77.3159, 0.2826, 0.3196

Complementary

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



77.3159, 0.3207, 0.3109



88.0987, 0.3055, 0.3478

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.



77.3159, 0.2905, 0.3345



77.3159, 0.3207, 0.3109



77.3159, 0.3206, 0.3564

Square

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



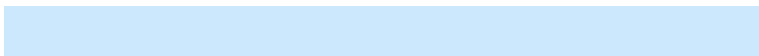
77.3159, 0.3207, 0.3109



77.3159, 0.3437, 0.3494



77.3159, 0.3043, 0.3482



77.3159, 0.2826, 0.3078

Rectangle

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



77.3159, 0.3207, 0.3109



77.3159, 0.3418, 0.3325



77.3159, 0.3043, 0.3482



77.3159, 0.2844, 0.3244

Sweetspot

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



77.3193, 0.3207, 0.3109



95.0407, 0.3147, 0.3243



74.7512, 0.3014, 0.3000



20.0660, 0.3152, 0.3230



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

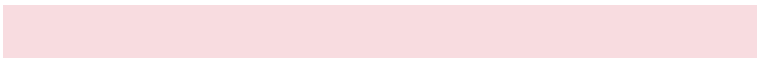
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.3193, 0.3207, 0.3109



78.5039, 0.3229, 0.3064



76.5381, 0.3301, 0.3248



17.4129, 0.3193, 0.3139



12.1648, 0.4373, 0.2182



1.1469, 0.4196, 0.2085

Inverse Universe

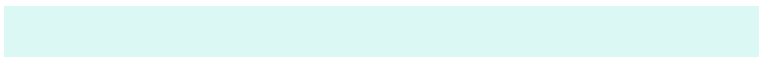
The Inverse Universe completely reimagines the original color for something new.



77.3193, 0.3207, 0.3109



78.5039, 0.3229, 0.3064



88.9060, 0.2977, 0.3333



17.4129, 0.3193, 0.3139



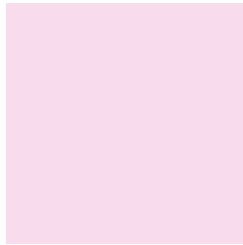
12.1648, 0.4373, 0.2182



1.1469, 0.4196, 0.2085

Previews

White Background



This preview shows how the Yxy color 77.3159, 0.3207, 0.3109 looks on a white background.

Color Contrast Check

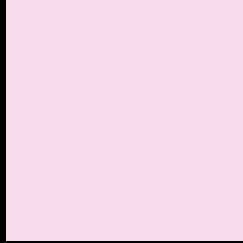
Large Text (above 18pt) WCAG AA × Fail

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 77.3159, 0.3207, 0.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

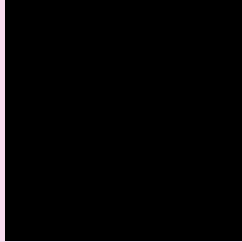
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.3159, 0.3207, 0.3109

Background



This preview shows how black text looks on a background with the Yxy color 77.3159, 0.3207, 0.3109.

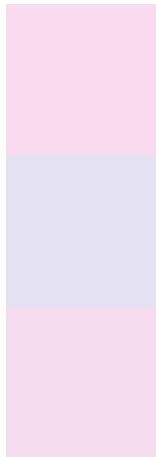


This preview shows how white text looks on a background with the Yxy color 77.3159, 0.3207, 0.3109.

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

77.3159, 0.3207, 0.3109

Protanopia

77.2975, 0.3039, 0.3123

Deuteranopia

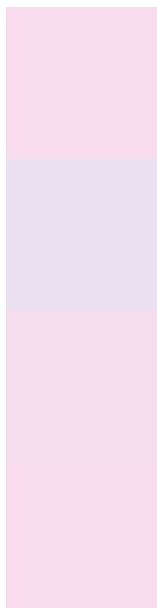
77.2984, 0.3185, 0.3118



Tritanopia

77.2573, 0.3213, 0.3119

Trichromacy



Original Color

77.3159, 0.3207, 0.3109

Protanomaly

77.3244, 0.3094, 0.3115

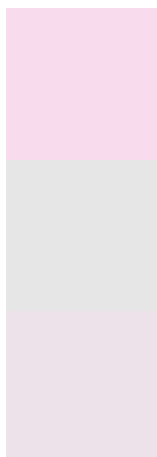
Deuteranomaly

77.4788, 0.3192, 0.3119

Tritanomaly

77.2573, 0.3213, 0.3119

Monochromacy



Original Color

77.3159, 0.3207, 0.3109

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.2804, 0.3158, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.3159, 0.3207, 0.3109 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(248, 220, 238)` looks like.

```
.text, #text, p{  
    color:rgb(248, 220, 238)  
}
```

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(248, 220, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 220, 238) }
```

Border

The CSS property to change the border of an element to Yxy 77.3159, 0.3207, 0.3109 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(248, 220, 238) }
```

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

```
.border{ border-color:rgb(248, 220, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 220, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 220, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 220, 238);  
box-shadow:4px 4px 4px 4px rgb(248, 220,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 77.3159, 0.3207, 0.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 220, 238) }
```

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

```
.background{ background-color: rgb(248,  
220, 238) }
```

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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