

Converting Colors

$Y_{xy}(75.2161, 0.3178, 0.3143)$

Have a look what the booklet for
Yxy(75.2161, 0.3178, 0.3143)
contains.

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Color

Yxy(75.1288, 0.3177, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	F0DBEA
RGB	240, 219, 234
RGB Percent	94%, 86%, 92%
CMY	0.0589, 0.1411, 0.0824
CMYK	0.00, 0.09, 0.02, 0.06
HSL	317°, 41%, 90%
HSV	317°, 9%, 94%
XYZ	76.1110, 75.1288, 88.3290
YIQ	226.9890, 7.7010, 9.1170

Conversions

Conversions Part 2

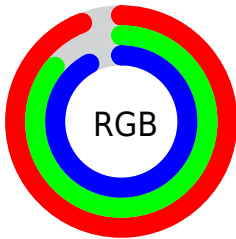
Format	Color
R _Y B	240, 219, 234
Decimal	15784938
CIE Lab	89.45, 9.77, -4.71
CIE LCh	89, 10.845, 334.247
Yxy	75.1288, 0.3177, 0.3136
Android (android.graphics.Color)	4293975018 (0xFFF0DBEA)
YUV	226.9890, 3.4564, 11.4106
Hunter-Lab	86.6769, 5.0565, 0.2537

Details

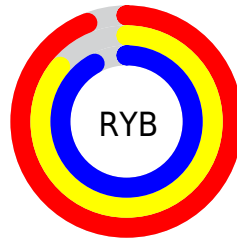
The Yxy color `75.1288, 0.3177, 0.3136` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `82.8039, 0.3081, 0.3449`, and the grayscale version is `76.7777, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `39.9556, 0.3192, 0.3105` is the 20% darker color. If you saturate the color by 10%, you get `63.1134, 0.3243, 0.2953`, and if you desaturate by 10%, it is `88.9709, 0.3121, 0.3312`.

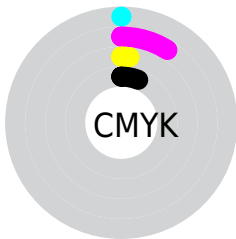
Distribution



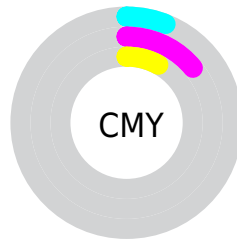
- Red (94%)
- Green (86%)
- Blue (92%)



- Red (94%)
- Yellow (86%)
- Blue (92%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (6%)



- Cyan (6%)
- Magenta (14%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.1288, 0.3177, 0.3136 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 75.1288, 0.3177, 0.3136 by changing the saturation by 10% instead.

 75.1288, 0.3177,
0.3136

 75.1288, 0.3177,
0.3136

478.3602, 0.3155,
0.3206

 55.7184, 0.3182,
0.3120

126.4947, 0.3169,
0.3160

 39.9772, 0.3188,
0.3101

159.2189, 0.3166,
0.3170

 27.5208, 0.3196,
0.3077


197.1500, 0.3164,
0.3178

 17.9647, 0.3206,
0.3045

240.6721, 0.3161,
0.3185

 10.9247, 0.3219,
0.3003

290.1698, 0.3159,
0.3191

 6.0162, 0.3238,
0.2944

346.0275, 0.3158,

 2.8549, 0.3266,

0.3197

0.2853

408.6295, 0.3156,
0.3202

■ 1.0565, 0.3312,
0.2698

■ 0.0000, 0.4071,
0.0000

■ 75.1288, 0.3177,
0.3136

■ 75.1288, 0.3177,
0.3136

■ 63.1134, 0.3243,
0.2953

■ 88.9709, 0.3121,
0.3312

■ 52.8380, 0.3321,
0.2765

■ 96.7988, 0.3076,
0.3362

■ 44.2231, 0.3410,
0.2580

■ 97.2307, 0.3038,
0.3294

■ 37.1796, 0.3510,
0.2406

■ 97.2610, 0.3035,
0.3290

■ 31.6096, 0.3619,
0.2252

■ 27.4045, 0.3736,
0.2130

■ 24.4405, 0.3857,
0.2050

■ 22.5712, 0.3977,
0.2018

■ 21.5811, 0.4093,
0.2033

Harmonies

Analogous

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



75.1288, 0.3047, 0.3080



75.1288, 0.3177, 0.3136



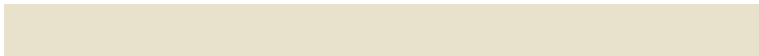
75.1288, 0.3296, 0.3232

Triad

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



75.1288, 0.3177, 0.3136



75.1288, 0.3316, 0.3507



75.1288, 0.2890, 0.3228

Complementary

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



75.1288, 0.3177, 0.3136



82.8039, 0.3081, 0.3449

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.



75.1288, 0.2960, 0.3347



75.1288, 0.3177, 0.3136



75.1288, 0.3204, 0.3511

Square

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



75.1288, 0.3177, 0.3136



75.1288, 0.3377, 0.3445



75.1288, 0.3074, 0.3452



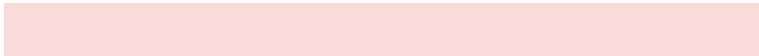
75.1288, 0.2883, 0.3130

Rectangle

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



75.1288, 0.3177, 0.3136



75.1288, 0.3352, 0.3306



75.1288, 0.3074, 0.3452



75.1288, 0.2907, 0.3267

Sweetspot

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



75.1321, 0.3177, 0.3136



95.0761, 0.3144, 0.3238



72.9606, 0.3032, 0.3069



20.0756, 0.3148, 0.3224



0.0000, 0.0000, 0.0000



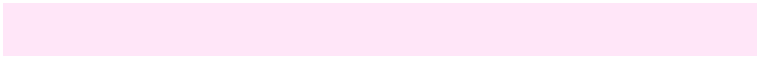
21.4041, 0.3127, 0.3290

Same Dimension

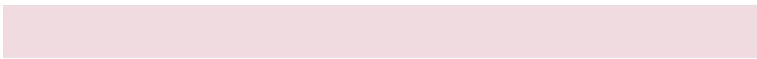
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1321, 0.3177, 0.3136



84.3362, 0.3185, 0.3113



74.5494, 0.3248, 0.3243



15.9501, 0.3182, 0.3123



11.7863, 0.4090, 0.2027



0.9975, 0.3947, 0.1948

Inverse Universe

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



75.1321, 0.3177, 0.3136



84.3362, 0.3185, 0.3113



83.3914, 0.3019, 0.3337



15.9501, 0.3182, 0.3123



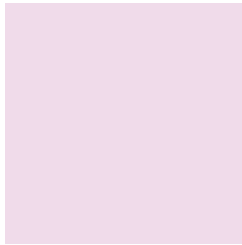
11.7863, 0.4090, 0.2027



0.9975, 0.3947, 0.1948

Previews

White Background



This preview shows how the Yxy color 75.1288, 0.3177, 0.3136 looks on a white background.

Color Contrast Check

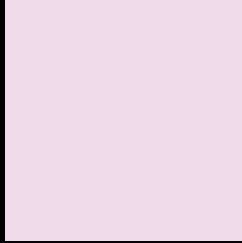
Large Text (above 18pt) WCAG AA × Fail

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 75.1288, 0.3177, 0.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

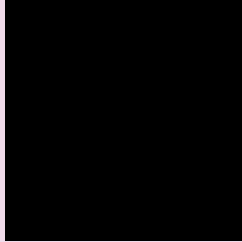
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

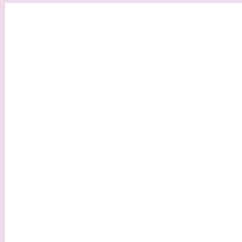
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.1288, 0.3177, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 75.1288, 0.3177, 0.3136.



This preview shows how white text looks on a background with the Yxy color 75.1288, 0.3177, 0.3136.

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

75.1288, 0.3177, 0.3136

Protanopia

75.4333, 0.3051, 0.3153

Deuteranopia

74.9606, 0.3192, 0.3126



Tritanopia

75.2444, 0.3164, 0.3116

Trichromacy



Original Color

75.1288, 0.3177, 0.3136

Protanomaly

75.1217, 0.3092, 0.3143

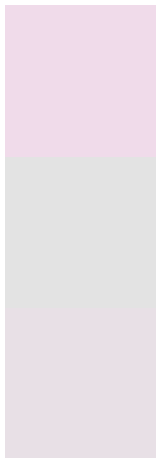
Deuteranomaly

74.7841, 0.3185, 0.3126

Tritanomaly

75.1865, 0.3170, 0.3126

Monochromacy



Original Color

75.1288, 0.3177, 0.3136

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.1803, 0.3144, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1288, 0.3177, 0.3136 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, 219, 234)` looks like.

```
.text, #text, p{  
    color:rgb(240, 219, 234)  
}
```

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, 219, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 219, 234) }
```

Border

The CSS property to change the border of an element to Yxy 75.1288, 0.3177, 0.3136 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, 219, 234) }
```

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

```
.border{ border-color:rgb(240, 219, 234) }
```

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

Here you see how a box with a 4 pixel rgb(240, 219, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 219, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 219, 234);  
box-shadow:4px 4px 4px 4px rgb(240, 219,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1288, 0.3177, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 219, 234) }
```

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

```
.background{ background-color: rgb(240,  
219, 234) }
```

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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