

Converting Colors

$Y_{xy}(75.3228, 0.3200, 0.3141)$

Have a look what the booklet for
Yxy(75.3228, 0.3200, 0.3141)
contains.

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Color

Yxy(75.4235, 0.3198, 0.3147)

Conversions

Conversions Part 1

Format	Color
Hex	F2DBE9
RGB	242, 219, 233
RGB Percent	95%, 86%, 91%
CMY	0.0511, 0.1411, 0.0863
CMYK	0.00, 0.09, 0.04, 0.05
HSL	323°, 47%, 90%
HSV	323°, 9%, 95%
XYZ	76.6458, 75.4235, 87.5986
YIQ	227.4730, 9.2140, 9.2300

Conversions

Conversions Part 2

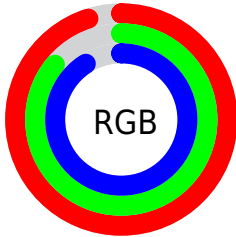
Format	Color
R _Y B	242, 219, 233
Decimal	15916009
CIE Lab	89.59, 10.26, -3.96
CIE LCh	90, 10.997, 338.898
Yxy	75.4235, 0.3198, 0.3147
Android (android.graphics.Color)	4294106089 (0xFFFF2DBE9)
YUV	227.4730, 2.7248, 12.7402
Hunter-Lab	86.8467, 5.5519, 0.9894

Details

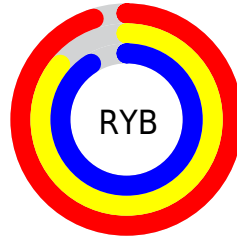
The Yxy color $75.4235, 0.3198, 0.3147$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $84.1461, 0.3062, 0.3437$, and the grayscale version is $77.1516, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.1643, 0.3219, 0.3119$ is the 20% darker color. If you saturate the color by 10%, you get $63.1780, 0.3287, 0.2989$, and if you desaturate by 10%, it is $89.5396, 0.3124, 0.3298$.

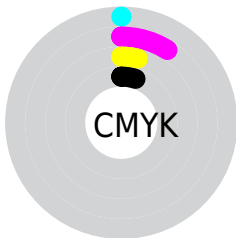
Distribution



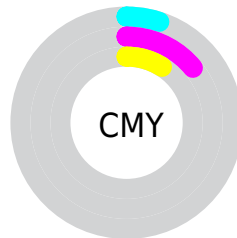
- Red (95%)
- Green (86%)
- Blue (91%)



- Red (95%)
- Yellow (86%)
- Blue (91%)



- Cyan (0%)
- Magenta (9%)
- Yellow (4%)
- Black (5%)




- Cyan (5%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.4235, 0.3198, 0.3147 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 75.4235, 0.3198, 0.3147 by changing the saturation by 10% instead.


 75.4235, 0.3198,
0.3147

 75.4235, 0.3198,
0.3147


479.3719, 0.3166,
0.3212

 55.9599, 0.3205,
0.3132


126.9117, 0.3187,
0.3169

 40.1708, 0.3214,
0.3114


159.7050, 0.3183,
0.3178

 27.6717, 0.3225,
0.3092


197.7104, 0.3179,
0.3186

 18.0783, 0.3240,
0.3063

241.3123, 0.3176,
0.3192

 11.0063, 0.3259,
0.3024

290.8949, 0.3173,
0.3198

 6.0710, 0.3287,
0.2968

346.8429, 0.3170,

 2.8883, 0.3328,

0.3203

0.2884

409.5404, 0.3168,
0.3208

■ 1.0737, 0.3400,
0.2740

■ 0.0000, 0.4769,
0.0000

■ 75.4235, 0.3198,
0.3147

■ 75.4235, 0.3198,
0.3147

■ 63.1780, 0.3287,
0.2989

■ 89.5396, 0.3124,
0.3298

■ 52.7140, 0.3392,
0.2827

■ 97.4136, 0.3065,
0.3320

■ 43.9498, 0.3515,
0.2667

■ 97.6105, 0.3047,
0.3290

■ 36.7933, 0.3656,
0.2516

■ 31.1440, 0.3813,
0.2385

■ 26.8894, 0.3985,
0.2285

■ 23.9016, 0.4165,
0.2228

■ 22.0285, 0.4346,
0.2223

■ 21.0294, 0.4522,
0.2267

Harmonies

Analogous

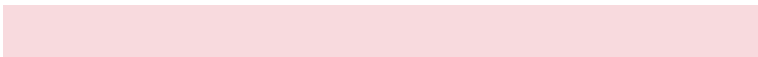
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.4235, 0.3065, 0.3083



75.4235, 0.3198, 0.3147



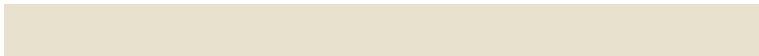
75.4235, 0.3314, 0.3248

Triad

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



75.4235, 0.3198, 0.3147



75.4235, 0.3303, 0.3515



75.4235, 0.2882, 0.3210

Complementary

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



75.4235, 0.3198, 0.3147



84.1461, 0.3062, 0.3437

Split Complementary

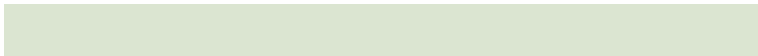
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.4235, 0.2943, 0.3329



75.4235, 0.3198, 0.3147



75.4235, 0.3185, 0.3508

Square

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



75.4235, 0.3198, 0.3147



75.4235, 0.3375, 0.3460



75.4235, 0.3053, 0.3440



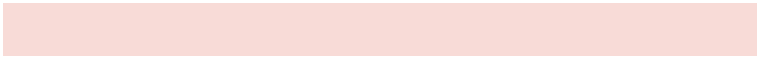
75.4235, 0.2885, 0.3116

Rectangle

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



75.4235, 0.3198, 0.3147



75.4235, 0.3364, 0.3324



75.4235, 0.3053, 0.3440



75.4235, 0.2896, 0.3248

Sweetspot

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



75.4268, 0.3198, 0.3147



95.0245, 0.3148, 0.3245



73.5460, 0.3039, 0.3050



20.0616, 0.3154, 0.3233



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

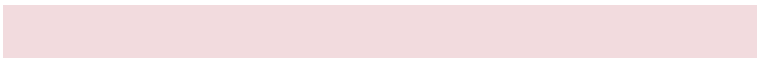
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4268, 0.3198, 0.3147



82.7041, 0.3211, 0.3123



74.8020, 0.3275, 0.3263



15.9205, 0.3198, 0.3147



11.3058, 0.4504, 0.2255



0.9600, 0.4287, 0.2135

Inverse Universe

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



75.4268, 0.3198, 0.3147



82.7041, 0.3211, 0.3123



84.7938, 0.2996, 0.3318



15.9205, 0.3198, 0.3147



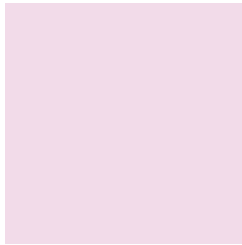
11.3058, 0.4504, 0.2255



0.9600, 0.4287, 0.2135

Previews

White Background



This preview shows how the Yxy color 75.4235, 0.3198, 0.3147 looks on a white background.

Color Contrast Check

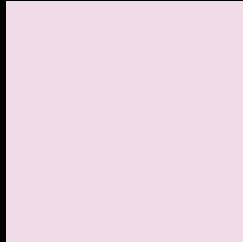
Large Text (above 18pt) WCAG AA × Fail

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 75.4235, 0.3198, 0.3147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

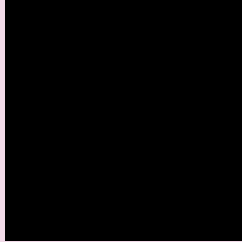
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

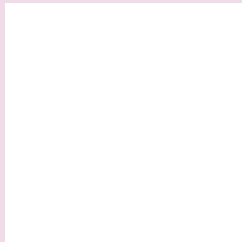
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.4235, 0.3198, 0.3147

Background



This preview shows how black text looks on a background with the Yxy color 75.4235, 0.3198, 0.3147.

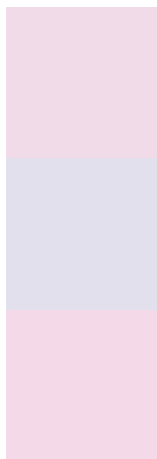


This preview shows how white text looks on a background with the Yxy color 75.4235, 0.3198, 0.3147.

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

75.4235, 0.3198, 0.3147

Protanopia

75.5362, 0.3064, 0.3163

Deuteranopia

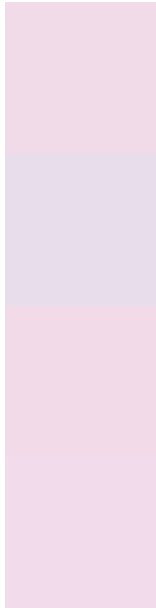
75.2591, 0.3213, 0.3137



Tritanopia

75.5964, 0.3178, 0.3116

Trichromacy



Original Color

75.4235, 0.3198, 0.3147

Protanomaly

75.3965, 0.3113, 0.3154

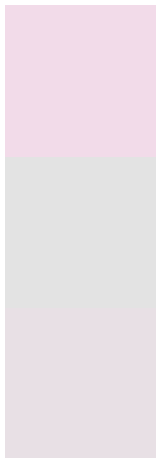
Deuteranomaly

75.0807, 0.3206, 0.3137

Tritanomaly

75.5384, 0.3185, 0.3127

Monochromacy



Original Color

75.4235, 0.3198, 0.3147

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.1243, 0.3151, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4235, 0.3198, 0.3147 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(242, 219, 233)` looks like.

```
.text, #text, p{  
    color:rgb(242, 219, 233)  
}
```

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(242, 219, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 219, 233) }
```

Border

The CSS property to change the border of an element to Yxy 75.4235, 0.3198, 0.3147 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(242, 219, 233) }
```

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

```
.border{ border-color:rgb(242, 219, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 219, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 219, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 219, 233); box-shadow:4px 4px 4px 4px rgb(242, 219, 233) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4235, 0.3198, 0.3147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 219, 233) }
```

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

```
.background{ background-color: rgb(242,  
219, 233) }
```

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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