

Converting Colors

$Y_{xy}(75.7322, 0.3194, 0.3139)$

Have a look what the booklet for
Yxy(75.7322, 0.3194, 0.3139)
contains.

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Color

Yxy(75.4808, 0.3191, 0.3137)

Conversions

Conversions Part 1

Format	Color
Hex	F2DBEA
RGB	242, 219, 234
RGB Percent	95%, 86%, 92%
CMY	0.0513, 0.1410, 0.0824
CMYK	0.00, 0.09, 0.03, 0.05
HSL	321°, 47%, 90%
HSV	321°, 9%, 95%
XYZ	76.7801, 75.4808, 88.3537
YIQ	227.5870, 8.8930, 9.5410

Conversions

Conversions Part 2

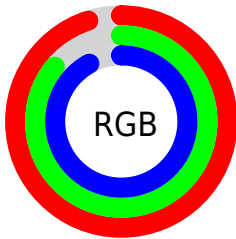
Format	Color
R _Y B	242, 219, 234
Decimal	15916010
CIE Lab	89.62, 10.42, -4.45
CIE LCh	90, 11.325, 336.885
Yxy	75.4808, 0.3191, 0.3137
Android (android.graphics.Color)	4294106090 (0xFFFF2DBEA)
YUV	227.5870, 3.1616, 12.6402
Hunter-Lab	86.8797, 5.7103, 0.5199

Details

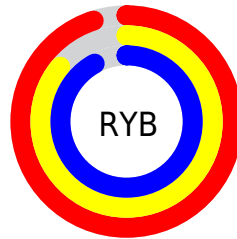
The Yxy color **75.4808, 0.3191, 0.3137** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84.0703, 0.3068, 0.3448**, and the grayscale version is **77.2333, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.2044, 0.3210, 0.3106** is the 20% darker color. If you saturate the color by 10%, you get **63.2917, 0.3271, 0.2968**, and if you desaturate by 10%, it is **89.5339, 0.3124, 0.3298**.

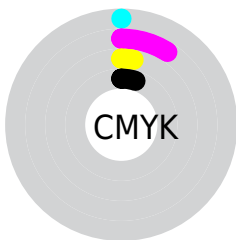
Distribution



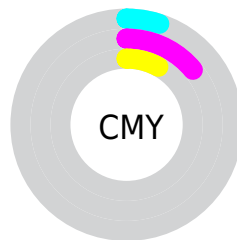
- Red (95%)
- Green (86%)
- Blue (92%)



- Red (95%)
- Yellow (86%)
- Blue (92%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (5%)





- Cyan (5%)
- Magenta (14%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.4808, 0.3191, 0.3137 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 75.4808, 0.3191, 0.3137 by changing the saturation by 10% instead.


 75.4808, 0.3191,
0.3137

 75.4808, 0.3191,
0.3137


479.5685, 0.3162,
0.3207

 56.0069, 0.3197,
0.3121


126.9927, 0.3181,
0.3161

 40.2084, 0.3205,
0.3102


159.7995, 0.3177,
0.3170

 27.7011, 0.3215,
0.3078


197.8194, 0.3174,
0.3178

 18.1005, 0.3228,
0.3047

241.4367, 0.3171,
0.3185

 11.0221, 0.3245,
0.3006

291.0359, 0.3168,
0.3192

 6.0817, 0.3270,
0.2947

347.0013, 0.3166,

 2.8948, 0.3307,

0.3197

0.2857

409.7174, 0.3164,
0.3202

1.0771, 0.3369,
0.2705

0.0000, 0.4470,
0.0000

75.4808, 0.3191,
0.3137

75.4808, 0.3191,
0.3137

63.2917, 0.3271,
0.2968

89.5339, 0.3124,
0.3298

52.8776, 0.3364,
0.2795

97.3346, 0.3071,
0.3331

44.1569, 0.3473,
0.2625

97.6043, 0.3047,
0.3290

37.0379, 0.3597,
0.2464

■ 31.4201, 0.3734,
0.2324

■ 27.1913, 0.3882,
0.2216

■ 24.2239, 0.4037,
0.2150

■ 22.3659, 0.4191,
0.2135

■ 21.3776, 0.4341,
0.2167

Harmonies

Analogous

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



75.4808, 0.3054, 0.3074



75.4808, 0.3191, 0.3137



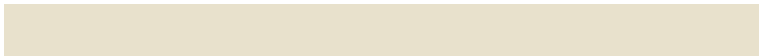
75.4808, 0.3312, 0.3239

Triad

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



75.4808, 0.3191, 0.3137



75.4808, 0.3315, 0.3519



75.4808, 0.2877, 0.3215

Complementary

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



75.4808, 0.3191, 0.3137



84.0703, 0.3068, 0.3448

Split Complementary

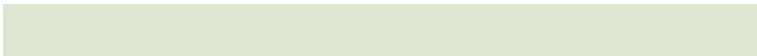
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.4808, 0.2944, 0.3339



75.4808, 0.3191, 0.3137



75.4808, 0.3196, 0.3518

Square

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



75.4808, 0.3191, 0.3137



75.4808, 0.3385, 0.3459



75.4808, 0.3060, 0.3451



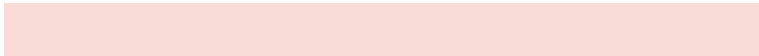
75.4808, 0.2876, 0.3116

Rectangle

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



75.4808, 0.3191, 0.3137



75.4808, 0.3367, 0.3317



75.4808, 0.3060, 0.3451



75.4808, 0.2893, 0.3255

Sweetspot

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



75.4841, 0.3191, 0.3137



95.0461, 0.3146, 0.3242



73.3627, 0.3032, 0.3050



20.0674, 0.3152, 0.3229



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

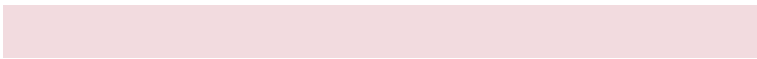
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4841, 0.3191, 0.3137



82.7800, 0.3203, 0.3111



74.8638, 0.3267, 0.3251



15.9329, 0.3191, 0.3137



11.4954, 0.4326, 0.2157



0.9750, 0.4140, 0.2054

Inverse Universe

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



75.4841, 0.3191, 0.3137



82.7800, 0.3203, 0.3111



84.7054, 0.3003, 0.3330



15.9329, 0.3191, 0.3137



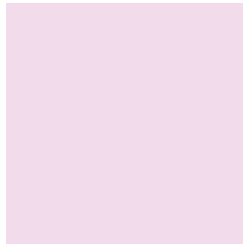
11.4954, 0.4326, 0.2157



0.9750, 0.4140, 0.2054

Previews

White Background



This preview shows how the Yxy color 75.4808, 0.3191, 0.3137 looks on a white background.

Color Contrast Check

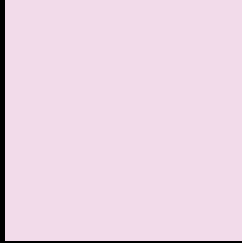
Large Text (above 18pt) WCAG AA × Fail

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 75.4808, 0.3191, 0.3137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

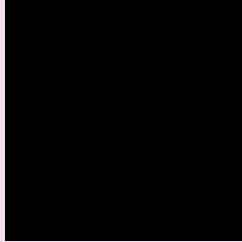
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

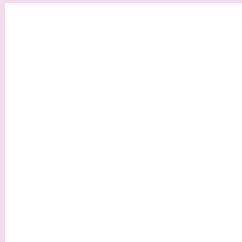
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.4808, 0.3191, 0.3137

Background



This preview shows how black text looks on a background with the Yxy color 75.4808, 0.3191, 0.3137.

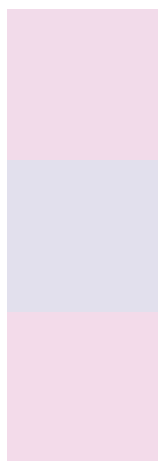


This preview shows how white text looks on a background with the Yxy color 75.4808, 0.3191, 0.3137.

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

75.4808, 0.3191, 0.3137

Protanopia

75.5945, 0.3058, 0.3153

Deuteranopia

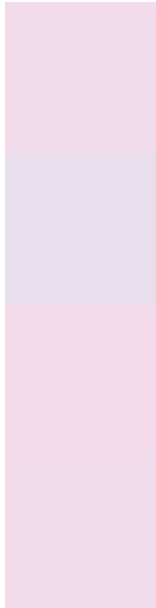
75.6582, 0.3199, 0.3137



Tritanopia

75.5964, 0.3178, 0.3116

Trichromacy



Original Color

75.4808, 0.3191, 0.3137

Protanomaly

75.4545, 0.3106, 0.3144

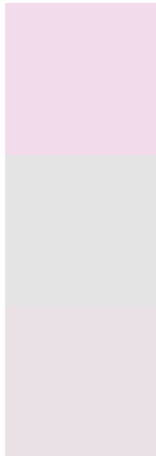
Deuteranomaly

75.6582, 0.3199, 0.3137

Tritanomaly

75.5384, 0.3185, 0.3127

Monochromacy



Original Color

75.4808, 0.3191, 0.3137

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.8872, 0.3151, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4808, 0.3191, 0.3137 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, 234)` looks like.

```
.text, #text, p{  
    color:rgb(242, 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(242, 219, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 219, 234) }
```

Border

The CSS property to change the border of an element to Yxy 75.4808, 0.3191, 0.3137 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, 234) }
```

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

```
.border{ border-color:rgb(242, 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(242, 219, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 219, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 219, 234);  
box-shadow:4px 4px 4px 4px rgb(242, 219,  
234) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 75.4808, 0.3191, 0.3137$ 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, 234) }
```

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

```
.background{ background-color: rgb(242,  
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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