

Converting Colors

$Y_{xy}(75.5860, 0.3169, 0.3144)$

Have a look what the booklet for
Yxy(75.5860, 0.3169, 0.3144)
contains.

Yxy(75.4776, 0.3169, 0.3146)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.4776, 0.3169, 0.3146)

Conversions

Conversions Part 1

Format	Color
Hex	EFDCEA
RGB	239, 220, 234
RGB Percent	94%, 86%, 92%
CMY	0.0629, 0.1372, 0.0823
CMYK	0.00, 0.08, 0.02, 0.06
HSL	316°, 37%, 90%
HSV	316°, 8%, 94%
XYZ	76.0294, 75.4776, 88.4091
YIQ	227.2770, 6.8300, 8.3820

Conversions

Conversions Part 2

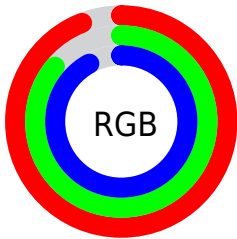
Format	Color
R_{YB}	239, 220, 234
Decimal	15719658
CIE Lab	89.62, 8.90, -4.49
CIE LCh	90, 9.967, 333.241
Yxy	75.4776, 0.3169, 0.3146
Android (android.graphics.Color)	4293909738 (0xFFEFDCEA)
YUV	227.2770, 3.3144, 10.2811
Hunter-Lab	86.8778, 4.1745, 0.4795

Details

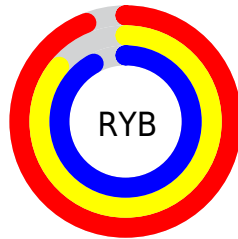
The Yxy color $75.4776, 0.3169, 0.3146$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82.3578, 0.3088, 0.3438$, and the grayscale version is $76.9980, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.1919, 0.3182, 0.3117$ is the 20% darker color. If you saturate the color by 10%, you get $63.4677, 0.3230, 0.2957$, and if you desaturate by 10%, it is $89.2994, 0.3117, 0.3327$.

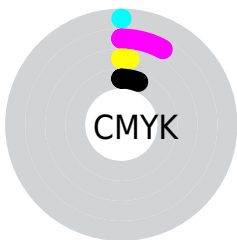
Distribution



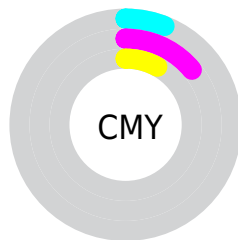
- Red (94%)
- Green (86%)
- Blue (92%)



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



- Cyan (0%)
- Magenta (8%)
- Yellow (2%)
- Black (6%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.4776, 0.3169, 0.3146 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 75.4776, 0.3169, 0.3146 by changing the saturation by 10% instead.


 75.4776, 0.3169,
0.3146

 75.4776, 0.3169,
0.3146


479.5575, 0.3150,
0.3212

 56.0042, 0.3173,
0.3131


126.9882, 0.3163,
0.3169

 40.2063, 0.3178,
0.3113


159.7942, 0.3160,
0.3177

 27.6995, 0.3185,
0.3091


197.8133, 0.3158,
0.3185

 18.0992, 0.3193,
0.3061

241.4297, 0.3156,
0.3192

 11.0212, 0.3204,
0.3022

291.0280, 0.3154,
0.3198

 6.0811, 0.3220,
0.2966

346.9924, 0.3153,

 2.8945, 0.3243,

0.3203

0.2881

409.7075, 0.3151,
0.3207

■ 1.0769, 0.3281,
0.2736

■ 0.0000, 0.3981,
0.0000

■ 75.4776, 0.3169,
0.3146

■ 75.4776, 0.3169,
0.3146

■ 63.4677, 0.3230,
0.2957

■ 89.2994, 0.3117,
0.3327

■ 53.1842, 0.3301,
0.2765

■ 96.5460, 0.3077,
0.3374

■ 44.5490, 0.3382,
0.2574

■ 96.9366, 0.3042,
0.3312

■ 37.4744, 0.3472,
0.2394

■ 97.0823, 0.3029,
0.3290

■ 31.8646, 0.3571,
0.2234

■ 27.6131, 0.3677,
0.2105

■ 24.5988, 0.3785,
0.2016

■ 22.6790, 0.3892,
0.1976

■ 21.6588, 0.3996,
0.1983

Harmonies

Analogous

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



75.4776, 0.3049, 0.3096



75.4776, 0.3169, 0.3146



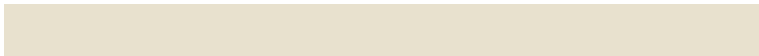
75.4776, 0.3279, 0.3233

Triad

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



75.4776, 0.3169, 0.3146



75.4776, 0.3303, 0.3488



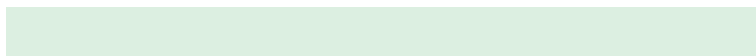
75.4776, 0.2911, 0.3237

Complementary

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



75.4776, 0.3169, 0.3146



82.3578, 0.3088, 0.3438

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.



75.4776, 0.2976, 0.3346



75.4776, 0.3169, 0.3146



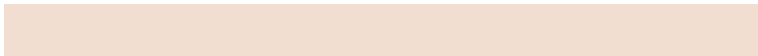
75.4776, 0.3202, 0.3493

Square

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



75.4776, 0.3169, 0.3146



75.4776, 0.3357, 0.3430



75.4776, 0.3083, 0.3441



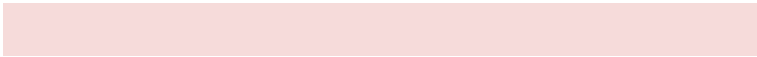
75.4776, 0.2902, 0.3146

Rectangle

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



75.4776, 0.3169, 0.3146



75.4776, 0.3331, 0.3302



75.4776, 0.3083, 0.3441



75.4776, 0.2927, 0.3273

Sweetspot

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



75.4809, 0.3169, 0.3146



96.7036, 0.3137, 0.3254



73.3947, 0.3037, 0.3090



20.7331, 0.3137, 0.3256



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.



75.4809, 0.3169, 0.3146



84.3743, 0.3181, 0.3107



74.9627, 0.3231, 0.3241



15.9568, 0.3178, 0.3117



11.9091, 0.4002, 0.1978



1.0069, 0.3874, 0.1908

Inverse Universe

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



75.4809, 0.3169, 0.3146



84.3743, 0.3181, 0.3107



82.8766, 0.3032, 0.3340



15.9568, 0.3178, 0.3117



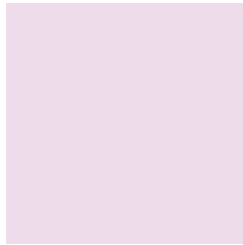
11.9091, 0.4002, 0.1978



1.0069, 0.3874, 0.1908

Previews

White Background



This preview shows how the Yxy color 75.4776, 0.3169, 0.3146 looks on a white background.

Color Contrast Check

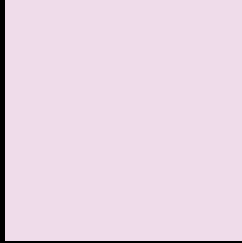
Large Text (above 18pt) WCAG AA × Fail

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 75.4776, 0.3169, 0.3146 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

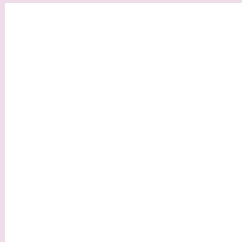
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.4776, 0.3169, 0.3146

Background



This preview shows how black text looks on a background with the Yxy color 75.4776, 0.3169, 0.3146.

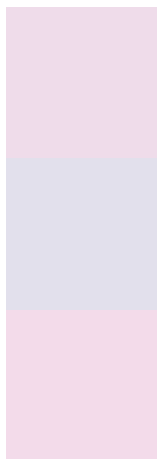


This preview shows how white text looks on a background with the Yxy color 75.4776, 0.3169, 0.3146.

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

75.4776, 0.3169, 0.3146

Protanopia

75.5362, 0.3064, 0.3163

Deuteranopia

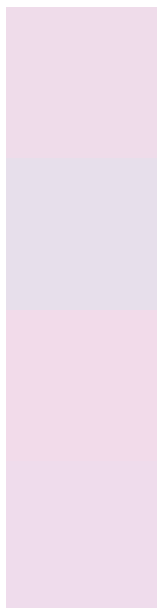
75.6582, 0.3199, 0.3137



Tritanopia

75.6515, 0.3149, 0.3116

Trichromacy



Original Color

75.4776, 0.3169, 0.3146

Protanomaly

75.7624, 0.3105, 0.3165

Deuteranomaly

75.4808, 0.3191, 0.3137

Tritanomaly

75.5933, 0.3156, 0.3126

Monochromacy



Original Color

75.4776, 0.3169, 0.3146

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.0134, 0.3137, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4776, 0.3169, 0.3146 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(239, 220, 234)` looks like.

```
.text, #text, p{  
    color:rgb(239, 220, 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(239, 220, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 220, 234) }
```

Border

The CSS property to change the border of an element to Yxy 75.4776, 0.3169, 0.3146 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(239, 220, 234) }
```

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

```
.border{ border-color:rgb(239, 220, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 220, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 220, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 220, 234);  
box-shadow:4px 4px 4px 4px rgb(239, 220,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4776, 0.3169, 0.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 220, 234) }
```

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

```
.background{ background-color: rgb(239,  
220, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor