

Converting Colors

$Y_{xy}(76.9498, 0.3055, 0.3054)$

Have a look what the booklet for
Yxy(76.9498, 0.3055, 0.3054)
contains.

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Color

Yxy(76.9216, 0.3055, 0.3054)

Conversions

Conversions Part 1

Format	Color
Hex	EADFF6
RGB	234, 223, 246
RGB Percent	92%, 87%, 96%
CMY	0.0825, 0.1254, 0.0352
CMYK	0.05, 0.09, 0.00, 0.04
HSL	269°, 56%, 92%
HSV	269°, 9%, 96%
XYZ	76.9468, 76.9216, 98.0033
YIQ	228.9110, -0.8270, 9.4850

Conversions

Conversions Part 2

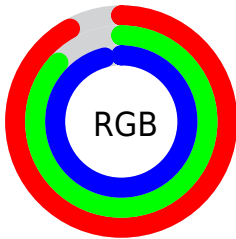
Format	Color
RYB	234, 223, 246
Decimal	15392758
CIELab	90.29, 7.87, -9.85
CIELCh	90, 12.613, 308.632
Yxy	76.9216, 0.3055, 0.3054
Android (android.graphics.Color)	4293582838 (0xFFEADFF6)
YUV	228.9110, 8.4249, 4.4631
Hunter-Lab	87.7050, 3.1209, -4.8583

Details

The Yxy color `76.9216, 0.3055, 0.3054` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `88.9351, 0.3194, 0.3526`, and the grayscale version is `78.2224, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `41.1879, 0.3034, 0.3000` is the 20% darker color. If you saturate the color by 10%, you get `62.6134, 0.2965, 0.2781`, and if you desaturate by 10%, it is `93.3056, 0.3132, 0.3306`.

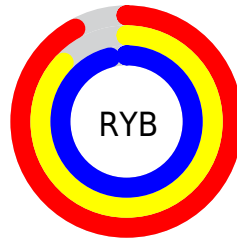
Distribution



Red (92%)

Green (87%)

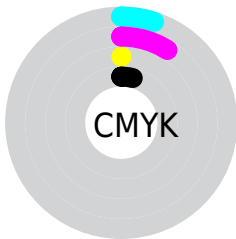
Blue (96%)



Red (92%)

Yellow (87%)

Blue (96%)

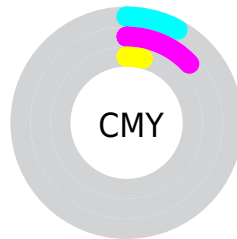


Cyan (5%)

Magenta (9%)

Yellow (0%)

Black (4%)



Cyan (8%)

Magenta (13%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.9216, 0.3055, 0.3054 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 76.9216, 0.3055, 0.3054 by changing the saturation by 10% instead.

76.9216, 0.3055,
0.3054

76.9216, 0.3055,
0.3054

484.4967, 0.3089,
0.3161

57.1885, 0.3047,
0.3030

129.0288, 0.3067,
0.3090

41.1566, 0.3038,
0.3001

162.1717, 0.3071,
0.3105

28.4415, 0.3025,
0.2965

200.5534, 0.3075,
0.3117

18.6587, 0.3009,
0.2918

244.5582, 0.3079,
0.3128

11.4239, 0.2988,
0.2856

294.5705, 0.3082,
0.3138

6.3527, 0.2956,
0.2769

350.9748, 0.3084,

3.0607, 0.2906,

0.3146

0.2639

414.1554, 0.3087,
0.3154

■ 1.1635, 0.2817,
0.2423

■ 0.0316, 0.2275,
0.0323

■ 76.9216, 0.3055,
0.3054

■ 76.9216, 0.3055,
0.3054

■ 62.6134, 0.2965,
0.2781

■ 93.3056, 0.3132,
0.3306

■ 50.2858, 0.2862,
0.2490

■ 99.4356, 0.3179,
0.3376

■ 39.8507, 0.2745,
0.2188

■ 31.2092, 0.2617,
0.1886

■ 24.2533, 0.2480,
0.1598

■ 18.8628, 0.2341,
0.1338

■ 14.9010, 0.2204,
0.1123

■ 12.2059, 0.2078,
0.0963

■ 10.5287, 0.1966,
0.0859

Harmonies

Analogous

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



76.9216, 0.2926, 0.3041



76.9216, 0.3055, 0.3054



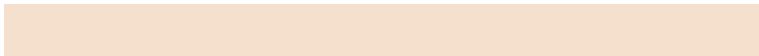
76.9216, 0.3206, 0.3127

Triad

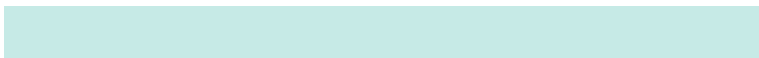
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.9216, 0.3055, 0.3054



76.9216, 0.3410, 0.3482



76.9216, 0.2919, 0.3336

Complementary

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



76.9216, 0.3055, 0.3054



88.9351, 0.3194, 0.3526

Split Complementary

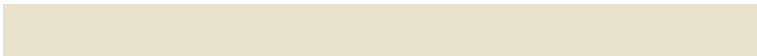
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.9216, 0.3044, 0.3462



76.9216, 0.3055, 0.3054



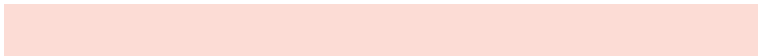
76.9216, 0.3329, 0.3546

Square

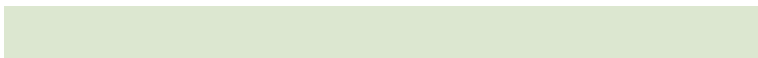
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.9216, 0.3055, 0.3054



76.9216, 0.3414, 0.3370



76.9216, 0.3194, 0.3540



76.9216, 0.2849, 0.3199

Rectangle

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



76.9216, 0.3055, 0.3054



76.9216, 0.3299, 0.3200



76.9216, 0.3194, 0.3540



76.9216, 0.2956, 0.3381

Sweetspot

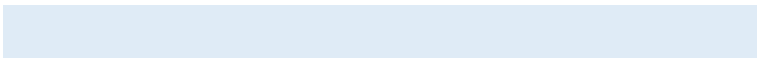
The Sweet Spot groups the original color and five complimentary colors.



76.9249, 0.3055, 0.3054



94.4627, 0.3105, 0.3216



81.9289, 0.2982, 0.3178



19.9097, 0.3099, 0.3196



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.



76.9249, 0.3055, 0.3054



80.7064, 0.3041, 0.3010



78.8992, 0.3133, 0.3060



16.3131, 0.3054, 0.3051



5.6512, 0.1976, 0.0862



0.5574, 0.2113, 0.0938

Inverse Universe

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



78.3852, 0.3210, 0.3168



82.5614, 0.3226, 0.3146



87.0708, 0.3121, 0.3531



16.6278, 0.3211, 0.3167



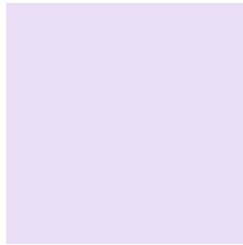
11.3330, 0.4856, 0.2449



1.0168, 0.4593, 0.2304

Previews

White Background



This preview shows how the Yxy color 76.9216, 0.3055, 0.3054 looks on a white background.

Color Contrast Check

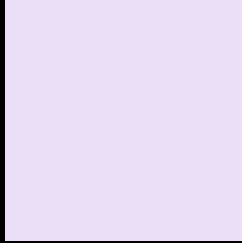
Large Text (above 18pt) WCAG AA × Fail

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 76.9216, 0.3055, 0.3054 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

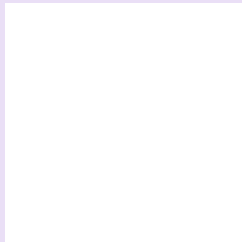
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.9216, 0.3055, 0.3054

Background



This preview shows how black text looks on a background with the Yxy color 76.9216, 0.3055, 0.3054.

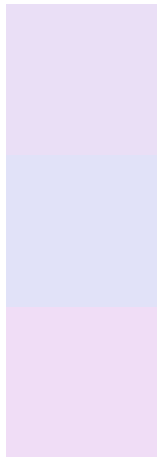


This preview shows how white text looks on a background with the Yxy color 76.9216, 0.3055, 0.3054.

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

76.9216, 0.3055, 0.3054

Protanopia

77.1776, 0.2982, 0.3061

Deuteranopia

76.8920, 0.3097, 0.3037



Tritanopia

76.9858, 0.3080, 0.3114

Trichromacy



Original Color

76.9216, 0.3055, 0.3054

Protanomaly

77.0598, 0.3009, 0.3062

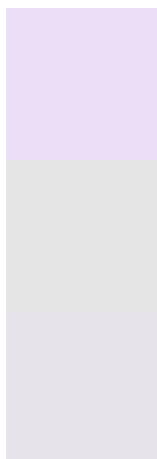
Deuteranomaly

77.0735, 0.3083, 0.3046

Tritanomaly

77.1060, 0.3067, 0.3094

Monochromacy



Original Color

76.9216, 0.3055, 0.3054

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.9253, 0.3104, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.9216, 0.3055, 0.3054 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(234, 223, 246)` looks like.

```
.text, #text, p{  
    color:rgb(234, 223, 246)  
}
```

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(234, 223, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 223, 246) }
```

Border

The CSS property to change the border of an element to Yxy 76.9216, 0.3055, 0.3054 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(234, 223, 246) }
```

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

```
.border{ border-color:rgb(234, 223, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 223, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 223, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 223, 246);  
box-shadow:4px 4px 4px 4px rgb(234, 223,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 76.9216, 0.3055, 0.3054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 223, 246) }
```

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

```
.background{ background-color: rgb(234,  
223, 246) }
```

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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