

Converting Colors

$Y_{xy}(76.3539, 0.3121, 0.3075)$

Have a look what the booklet for
Yxy(76.3539, 0.3121, 0.3075)
contains.

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Color

Yxy(76.4744, 0.3116, 0.3076)

Conversions

Conversions Part 1

Format	Color
Hex	EFDDF2
RGB	239, 221, 242
RGB Percent	94%, 87%, 95%
CMY	0.0629, 0.1333, 0.0510
CMYK	0.01, 0.09, 0.00, 0.05
HSL	291°, 45%, 91%
HSV	291°, 9%, 95%
XYZ	77.4689, 76.4744, 94.6731
YIQ	228.7760, 3.9870, 10.3470

Conversions

Conversions Part 2

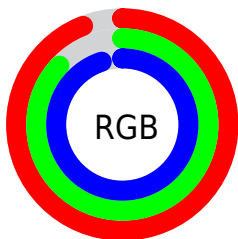
Format	Color
R _Y B	239, 221, 242
Decimal	15719922
CIE Lab	90.08, 9.82, -8.00
CIE LCh	90, 12.660, 320.833
Yxy	76.4744, 0.3116, 0.3076
Android (android.graphics.Color)	4293910002 (0xFFEFDDF2)
YUV	228.7760, 6.5194, 8.9664
Hunter-Lab	87.4496, 5.0906, -2.9727

Details

The Yxy color **76.4744, 0.3116, 0.3076** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84.5744, 0.3137, 0.3511**, and the grayscale version is **78.1290, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8849, 0.3112, 0.3028** is the 20% darker color. If you saturate the color by 10%, you get **64.0035, 0.3100, 0.2819**, and if you desaturate by 10%, it is **90.8054, 0.3129, 0.3322**.

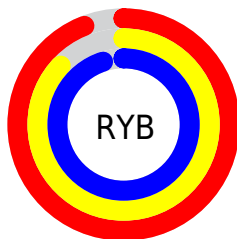
Distribution



Red (94%)

Green (87%)

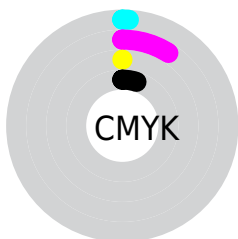
Blue (95%)



Red (94%)

Yellow (87%)

Blue (95%)

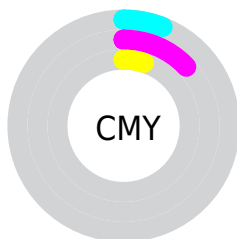


Cyan (1%)

Magenta (9%)

Yellow (0%)

Black (5%)



Cyan (6%)

Magenta (13%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.4744, 0.3116, 0.3076 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 76.4744, 0.3116, 0.3076 by changing the saturation by 10% instead.

 76.4744, 0.3116,
0.3076

 76.4744, 0.3116,
0.3076


482.9701, 0.3122,
0.3173

 56.8216, 0.3115,
0.3054


128.3973, 0.3118,
0.3109

 40.8620, 0.3113,
0.3028

161.4361, 0.3119,
0.3122

 28.2113, 0.3110,
0.2995


199.7058, 0.3120,
0.3133

 18.4850, 0.3107,
0.2953

243.5907, 0.3120,
0.3143

 11.2987, 0.3102,
0.2896

293.4752, 0.3121,
0.3152

 6.2681, 0.3094,
0.2817

349.7436, 0.3121,

 3.0088, 0.3081,

0.3160

0.2698

412.7805, 0.3121,
0.3166

■ 1.1363, 0.3054,
0.2499

■ 0.0088, 0.3004,
0.0106

■ 76.4744, 0.3116,
0.3076

■ 76.4744, 0.3116,
0.3076

■ 64.0035, 0.3100,
0.2819

■ 90.8054, 0.3129,
0.3322

■ 53.3043, 0.3079,
0.2558

■ 97.5138, 0.3146,
0.3417

■ 44.2960, 0.3055,
0.2300

■ 98.1513, 0.3168,
0.3416

■ 36.8876, 0.3026,
0.2056

■ 98.8007, 0.3190,
0.3415

■ 30.9796, 0.2994,
0.1835

■ 99.1902, 0.3203,
0.3415

■ 26.4611, 0.2959,
0.1648

■ 23.2061, 0.2922,
0.1503

■ 21.0653, 0.2884,
0.1403

■ 19.8213, 0.2846,
0.1345

Harmonies

Analogous

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



76.4744, 0.2972, 0.3037



76.4744, 0.3116, 0.3076



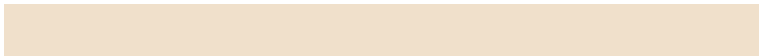
76.4744, 0.3266, 0.3169

Triad

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



76.4744, 0.3116, 0.3076



76.4744, 0.3387, 0.3517



76.4744, 0.2881, 0.3279

Complementary

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



76.4744, 0.3116, 0.3076



84.5744, 0.3137, 0.3511

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.



76.4744, 0.2987, 0.3415



76.4744, 0.3116, 0.3076



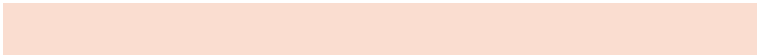
76.4744, 0.3279, 0.3554

Square

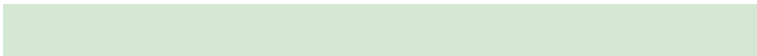
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.4744, 0.3116, 0.3076



76.4744, 0.3424, 0.3420



76.4744, 0.3133, 0.3518



76.4744, 0.2839, 0.3149

Rectangle

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



76.4744, 0.3116, 0.3076



76.4744, 0.3348, 0.3250



76.4744, 0.3133, 0.3518



76.4744, 0.2910, 0.3326

Sweetspot

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



76.4777, 0.3116, 0.3076



95.0070, 0.3124, 0.3217



75.1856, 0.2993, 0.3101



20.0568, 0.3123, 0.3197



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.



76.4777, 0.3116, 0.3076



84.1043, 0.3114, 0.3042



76.5767, 0.3186, 0.3151



15.9091, 0.3115, 0.3056



10.6218, 0.2847, 0.1342



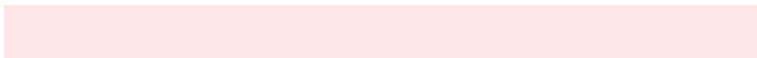
0.9149, 0.2898, 0.1370

Inverse Universe

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



75.9831, 0.3257, 0.3259



83.4693, 0.3280, 0.3254



84.4948, 0.3073, 0.3433



15.7960, 0.3271, 0.3256



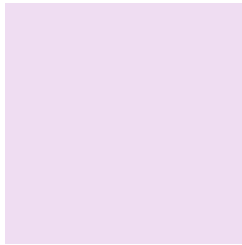
10.2179, 0.6205, 0.3192



0.8614, 0.5893, 0.3020

Previews

White Background



This preview shows how the Yxy color 76.4744, 0.3116, 0.3076 looks on a white background.

Color Contrast Check

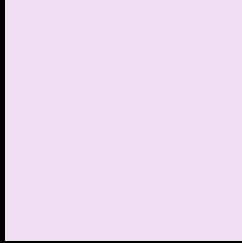
Large Text (above 18pt) WCAG AA × Fail

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 76.4744, 0.3116, 0.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

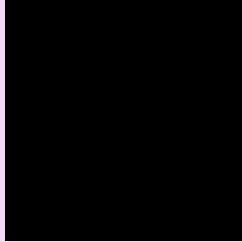
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

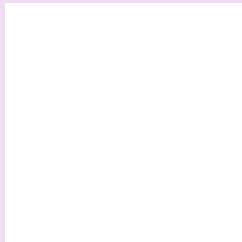
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.4744, 0.3116, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 76.4744, 0.3116, 0.3076.



This preview shows how white text looks on a background with the Yxy color 76.4744, 0.3116, 0.3076.

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

76.4744, 0.3116, 0.3076

Protanopia

76.4506, 0.3001, 0.3081

Deuteranopia

76.4744, 0.3138, 0.3067



Tritanopia

76.8253, 0.3135, 0.3116

Trichromacy



Original Color

76.4744, 0.3116, 0.3076

Protanomaly

76.6660, 0.3041, 0.3083

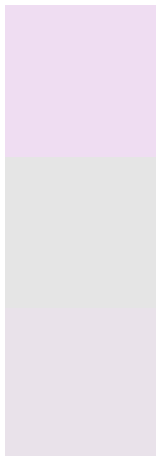
Deuteranomaly

76.2980, 0.3131, 0.3066

Tritanomaly

76.8845, 0.3129, 0.3106

Monochromacy



Original Color

76.4744, 0.3116, 0.3076

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.6569, 0.3124, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.4744, 0.3116, 0.3076 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, 221, 242)` looks like.

```
.text, #text, p{  
    color:rgb(239, 221, 242)  
}
```

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, 221, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 221, 242) }
```

Border

The CSS property to change the border of an element to Yxy 76.4744, 0.3116, 0.3076 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, 221, 242) }
```

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

```
.border{ border-color:rgb(239, 221, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 221, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 221, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 221, 242);  
box-shadow:4px 4px 4px 4px rgb(239, 221,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 76.4744, 0.3116, 0.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 221, 242) }
```

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

```
.background{ background-color: rgb(239,  
221, 242) }
```

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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