

Converting Colors

Yxy(75.9690, 0.3113, 0.3096)

Have a look what the booklet for
Yxy(75.9690, 0.3113, 0.3096)
contains.

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Color

Yxy(76.0087, 0.3115, 0.3095)

Conversions

Conversions Part 1

Format	Color
Hex	EDDDF0
RGB	237, 221, 240
RGB Percent	93%, 87%, 94%
CMY	0.0707, 0.1333, 0.0588
CMYK	0.01, 0.08, 0.00, 0.06
HSL	290°, 39%, 90%
HSV	290°, 8%, 94%
XYZ	76.4999, 76.0087, 93.0769
YIQ	227.9500, 3.4370, 9.3010

Conversions

Conversions Part 2

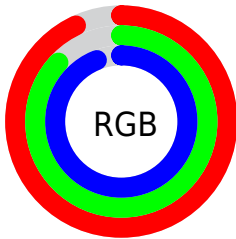
Format	Color
R _Y B	237, 221, 240
Decimal	15588848
CIE Lab	89.86, 8.79, -7.29
CIE LCh	90, 11.419, 320.333
Yxy	76.0087, 0.3115, 0.3095
Android (android.graphics.Color)	4293778928 (0xFFE9DDF0)
YUV	227.9500, 5.9407, 7.9369
Hunter-Lab	87.1830, 4.0570, -2.2702

Details

The Yxy color **76.0087, 0.3115, 0.3095** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83.3986, 0.3138, 0.3490**, and the grayscale version is **77.4973, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.5569, 0.3111, 0.3052** is the 20% darker color. If you saturate the color by 10%, you get **63.5760, 0.3096, 0.2839**, and if you desaturate by 10%, it is **90.2737, 0.3130, 0.3340**.

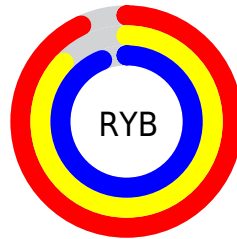
Distribution



Red (93%)

Green (87%)

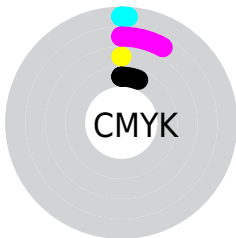
Blue (94%)



Red (93%)

Yellow (87%)

Blue (94%)

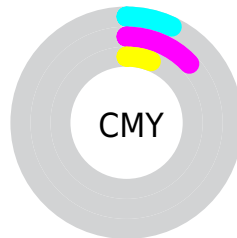


Cyan (1%)

Magenta (8%)

Yellow (0%)

Black (6%)



Cyan (7%)


Magenta (13%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.0087, 0.3115, 0.3095 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 76.0087, 0.3115, 0.3095 by changing the saturation by 10% instead.


 76.0087, 0.3115,
0.3095

 76.0087, 0.3115,
0.3095


481.3775, 0.3121,
0.3183

 56.4396, 0.3113,
0.3075

127.7392, 0.3117,
0.3125

 40.5555, 0.3112,
0.3051


160.6694, 0.3118,
0.3137

 27.9719, 0.3109,
0.3021


198.8222, 0.3119,
0.3147

 18.3045, 0.3106,
0.2982

242.5819, 0.3119,
0.3156

 11.1688, 0.3101,
0.2929

292.3328, 0.3120,
0.3164

 6.1805, 0.3093,
0.2856

348.4595, 0.3120,

 2.9552, 0.3080,

0.3171

0.2745

411.3462, 0.3121,
0.3178

■ 1.1084, 0.3054,
0.2559

■ 0.0000, 0.2888,
0.0000

■ 76.0087, 0.3115,
0.3095

■ 76.0087, 0.3115,
0.3095

■ 63.5760, 0.3096,
0.2839

■ 90.2737, 0.3130,
0.3340

■ 52.8893, 0.3073,
0.2576

■ 97.1602, 0.3149,
0.3437

■ 43.8697, 0.3045,
0.2316

■ 97.8571, 0.3173,
0.3436

■ 36.4288, 0.3012,
0.2068

■ 98.5685, 0.3198,
0.3435

■ 30.4695, 0.2976,
0.1842

■ 99.0713, 0.3214,
0.3434

■ 25.8843, 0.2936,
0.1649

■ 22.5509, 0.2894,
0.1497

■ 20.3252, 0.2852,
0.1390

■ 19.0106, 0.2810,
0.1327

Harmonies

Analogous

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



76.0087, 0.2985, 0.3061



76.0087, 0.3115, 0.3095



76.0087, 0.3250, 0.3179

Triad

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



76.0087, 0.3115, 0.3095



76.0087, 0.3363, 0.3494



76.0087, 0.2905, 0.3282

Complementary

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



76.0087, 0.3115, 0.3095



83.3986, 0.3138, 0.3490

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.



76.0087, 0.3003, 0.3405



76.0087, 0.3115, 0.3095



76.0087, 0.3267, 0.3528

Square

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



76.0087, 0.3115, 0.3095



76.0087, 0.3395, 0.3406



76.0087, 0.3135, 0.3496



76.0087, 0.2866, 0.3165

Rectangle

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



76.0087, 0.3115, 0.3095



76.0087, 0.3325, 0.3252



76.0087, 0.3135, 0.3496



76.0087, 0.2932, 0.3325

Sweetspot

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



76.0120, 0.3115, 0.3095



96.6346, 0.3124, 0.3241



75.0756, 0.3005, 0.3122



20.7190, 0.3124, 0.3244



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.



76.0120, 0.3115, 0.3095



85.5312, 0.3113, 0.3067



76.1698, 0.3178, 0.3160



15.8958, 0.3112, 0.3056



10.3345, 0.2808, 0.1320



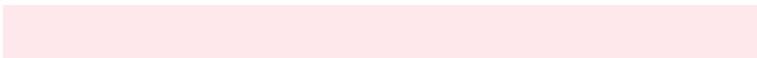
0.8937, 0.2863, 0.1351

Inverse Universe

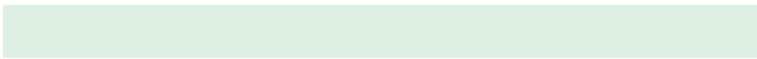
The Inverse Universe completely reimagines the original color for something new.



75.6330, 0.3243, 0.3259



85.0415, 0.3261, 0.3254



83.2610, 0.3080, 0.3423



15.8001, 0.3268, 0.3252



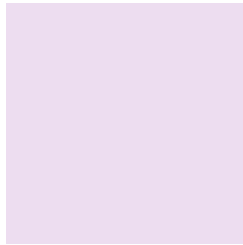
10.2317, 0.6171, 0.3173



0.8633, 0.5844, 0.2993

Previews

White Background



This preview shows how the Yxy color 76.0087, 0.3115, 0.3095 looks on a white background.

Color Contrast Check

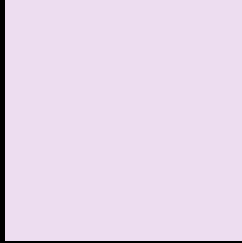
Large Text (above 18pt) WCAG AA × Fail

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 76.0087, 0.3115, 0.3095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

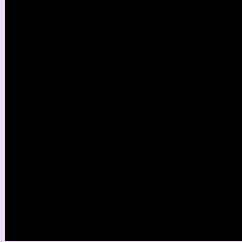
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

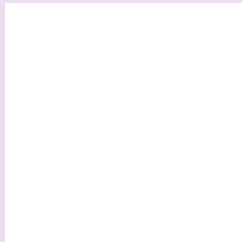
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.0087, 0.3115, 0.3095

Background



This preview shows how black text looks on a background with the Yxy color 76.0087, 0.3115, 0.3095.



This preview shows how white text looks on a background with the Yxy color 76.0087, 0.3115, 0.3095.

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

76.0087, 0.3115, 0.3095

Protanopia

76.2688, 0.3019, 0.3112

Deuteranopia

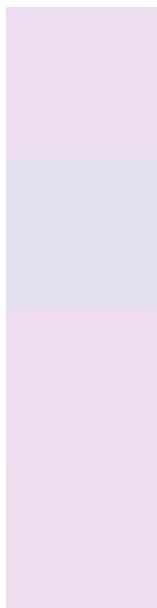
75.6551, 0.3144, 0.3076



Tritanopia

75.9494, 0.3122, 0.3105

Trichromacy



Original Color

76.0087, 0.3115, 0.3095

Protanomaly

76.3202, 0.3053, 0.3113

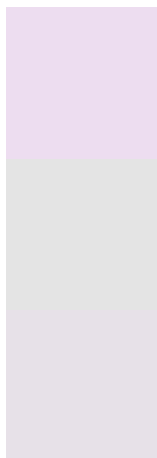
Deuteranomaly

76.0029, 0.3137, 0.3086

Tritanomaly

75.9494, 0.3122, 0.3105

Monochromacy



Original Color

76.0087, 0.3115, 0.3095

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.6655, 0.3124, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0087, 0.3115, 0.3095 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(237, 221, 240)` looks like.

```
.text, #text, p{  
    color:rgb(237, 221, 240)  
}
```

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(237, 221, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 221, 240) }
```

Border

The CSS property to change the border of an element to Yxy 76.0087, 0.3115, 0.3095 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(237, 221, 240) }
```

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

```
.border{ border-color:rgb(237, 221, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 221, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 221, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 221, 240);  
box-shadow:4px 4px 4px 4px rgb(237, 221,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0087, 0.3115, 0.3095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 221, 240) }
```

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

```
.background{ background-color: rgb(237,  
221, 240) }
```

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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