

Converting Colors

$Y_{xy}(75.0927, 0.3109, 0.3080)$

Have a look what the booklet for
Yxy(75.0927, 0.3109, 0.3080)
contains.

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Color

Yxy(75.3105, 0.3109, 0.3084)

Conversions

Conversions Part 1

Format	Color
Hex	ECDCF0
RGB	236, 220, 240
RGB Percent	93%, 86%, 94%
CMY	0.0744, 0.1373, 0.0589
CMYK	0.02, 0.08, 0.00, 0.06
HSL	288°, 40%, 90%
HSV	288°, 8%, 94%
XYZ	75.9210, 75.3105, 92.9660
YIQ	227.0640, 3.1160, 9.6120

Conversions

Conversions Part 2

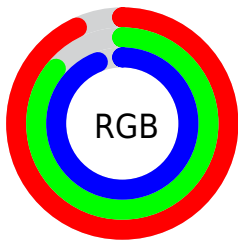
Format	Color
R _Y B	236, 220, 240
Decimal	15523056
CIE Lab	89.54, 9.02, -7.77
CIE LCh	90, 11.904, 319.228
Yxy	75.3105, 0.3109, 0.3084
Android (android.graphics.Color)	4293713136 (0xFFE0C0F0)
YUV	227.0640, 6.3774, 7.8369
Hunter-Lab	86.7816, 4.2931, -2.7681

Details

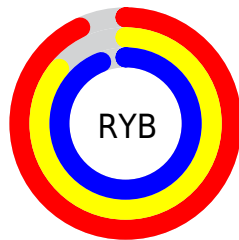
The Yxy color `75.3105, 0.3109, 0.3084` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `83.3222, 0.3143, 0.3501`, and the grayscale version is `76.8206, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `40.0743, 0.3102, 0.3038` is the 20% darker color. If you saturate the color by 10%, you get `62.8059, 0.3083, 0.2826`, and if you desaturate by 10%, it is `89.6515, 0.3130, 0.3330`.

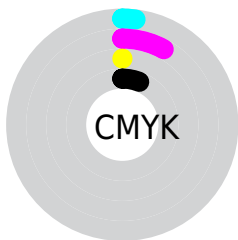
Distribution



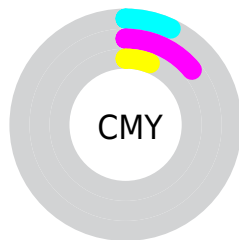
- Red (93%)
- Green (86%)
- Blue (94%)



- Red (93%)
- Yellow (86%)
- Blue (94%)



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





- Cyan (7%)
- Magenta (14%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.3105, 0.3109, 0.3084 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 75.3105, 0.3109, 0.3084 by changing the saturation by 10% instead.

 75.3105, 0.3109,
0.3084

 75.3105, 0.3109,
0.3084


478.9841, 0.3118,
0.3177

 55.8673, 0.3107,
0.3063


126.7518, 0.3112,
0.3116

 40.0965, 0.3104,
0.3038

159.5187, 0.3113,
0.3129

 27.6138, 0.3100,
0.3005


197.4956, 0.3114,
0.3139

 18.0348, 0.3096,
0.2964

241.0669, 0.3115,
0.3149

 10.9749, 0.3089,
0.2909

290.6170, 0.3116,
0.3157

 6.0500, 0.3078,
0.2831

346.5303, 0.3117,

 2.8755, 0.3061,

0.3165

0.2713

409.1912, 0.3117,
0.3171

■ 1.0671, 0.3026,
0.2514

■ 0.0000, 0.2601,
0.0000

■ 75.3105, 0.3109,
0.3084

■ 75.3105, 0.3109,
0.3084

■ 62.8059, 0.3083,
0.2826

■ 89.6515, 0.3130,
0.3330

■ 52.0510, 0.3051,
0.2561

■ 97.3190, 0.3155,
0.3437

■ 42.9669, 0.3013,
0.2296

■ 98.1864, 0.3185,
0.3436

■ 35.4646, 0.2970,
0.2043

■ 99.0708, 0.3214,
0.3434

■ 29.4466, 0.2923,
0.1811

■ 24.8047, 0.2872,
0.1612

■ 21.4160, 0.2819,
0.1454

■ 19.1350, 0.2766,
0.1342

■ 17.7560, 0.2713,
0.1273

Harmonies

Analogous

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



75.3105, 0.2975, 0.3050



75.3105, 0.3109, 0.3084



75.3105, 0.3251, 0.3170

Triad

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



75.3105, 0.3109, 0.3084



75.3105, 0.3376, 0.3501



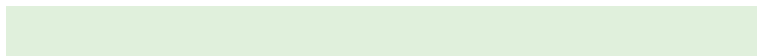
75.3105, 0.2898, 0.3287

Complementary

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



75.3105, 0.3109, 0.3084



83.3222, 0.3143, 0.3501

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.



75.3105, 0.3002, 0.3415



75.3105, 0.3109, 0.3084



75.3105, 0.3278, 0.3539

Square

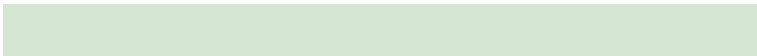
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.3105, 0.3109, 0.3084



75.3105, 0.3407, 0.3407



75.3105, 0.3140, 0.3508



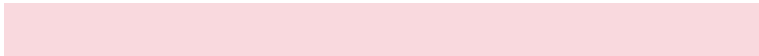
75.3105, 0.2855, 0.3163

Rectangle

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



75.3105, 0.3109, 0.3084



75.3105, 0.3330, 0.3246



75.3105, 0.3140, 0.3508



75.3105, 0.2927, 0.3331

Sweetspot

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



75.3137, 0.3109, 0.3084



96.5982, 0.3123, 0.3241



74.8140, 0.2998, 0.3120



20.7116, 0.3123, 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.



75.3137, 0.3109, 0.3084



83.8515, 0.3105, 0.3041



75.6478, 0.3177, 0.3146



15.8643, 0.3106, 0.3055



9.6730, 0.2713, 0.1268



0.8445, 0.2782, 0.1306

Inverse Universe

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



75.0869, 0.3244, 0.3249



83.5476, 0.3271, 0.3241



83.0213, 0.3081, 0.3438



15.8100, 0.3262, 0.3244



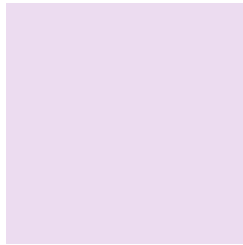
10.2703, 0.6080, 0.3123



0.8680, 0.5729, 0.2929

Previews

White Background



This preview shows how the Yxy color 75.3105, 0.3109, 0.3084 looks on a white background.

Color Contrast Check

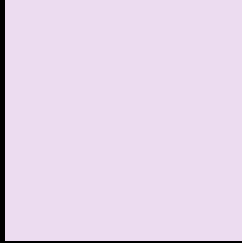
Large Text (above 18pt) WCAG AA × Fail

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 75.3105, 0.3109, 0.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

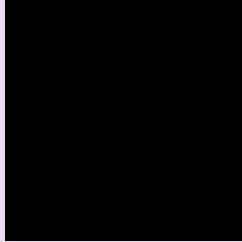
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

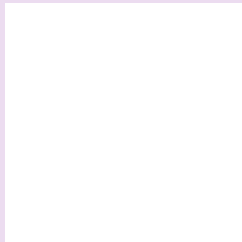
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.3105, 0.3109, 0.3084

Background



This preview shows how black text looks on a background with the Yxy color 75.3105, 0.3109, 0.3084.



This preview shows how white text looks on a background with the Yxy color 75.3105, 0.3109, 0.3084.

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

75.3105, 0.3109, 0.3084

Protanopia

75.5694, 0.3013, 0.3101

Deuteranopia

75.4796, 0.3137, 0.3075



Tritanopia

75.1923, 0.3122, 0.3104

Trichromacy



Original Color

75.3105, 0.3109, 0.3084

Protanomaly

75.6202, 0.3046, 0.3102

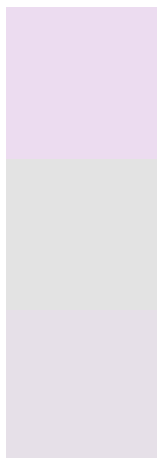
Deuteranomaly

75.3050, 0.3130, 0.3075

Tritanomaly

75.2513, 0.3115, 0.3094

Monochromacy



Original Color

75.3105, 0.3109, 0.3084

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.9605, 0.3117, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3105, 0.3109, 0.3084 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(236, 220, 240)` looks like.

```
.text, #text, p{  
    color:rgb(236, 220, 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(236, 220, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 220, 240) }
```

Border

The CSS property to change the border of an element to Yxy 75.3105, 0.3109, 0.3084 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(236, 220, 240) }
```

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

```
.border{ border-color:rgb(236, 220, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 220, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 220, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 220, 240);  
box-shadow:4px 4px 4px 4px rgb(236, 220,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3105, 0.3109, 0.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 220, 240) }
```

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

```
.background{ background-color: rgb(236,  
220, 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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