

Converting Colors

$Yxy(74.8582, 0.3083, 0.3116)$

Have a look what the booklet for
Yxy(74.8582, 0.3083, 0.3116)
contains.

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Color

Yxy(74.7089, 0.3080, 0.3112)

Conversions

Conversions Part 1

Format	Color
Hex	E6DDEE
RGB	230, 221, 238
RGB Percent	90%, 87%, 93%
CMY	0.0977, 0.1334, 0.0666
CMYK	0.03, 0.07, 0.00, 0.07
HSL	272°, 33%, 90%
HSV	272°, 7%, 93%
XYZ	73.9407, 74.7089, 91.4176
YIQ	225.6290, -0.0930, 7.1950

Conversions

Conversions Part 2

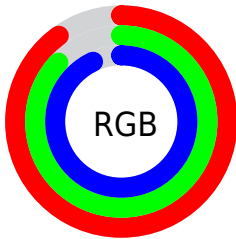
Format	Color
R _Y B	230, 221, 238
Decimal	15130094
CIE Lab	89.26, 6.16, -7.20
CIE LCh	89, 9.477, 310.549
Yxy	74.7089, 0.3080, 0.3112
Android (android.graphics.Color)	4293320174 (0xFFE6DDEE)
YUV	225.6290, 6.0989, 3.8334
Hunter-Lab	86.4343, 1.4387, -2.2043

Details

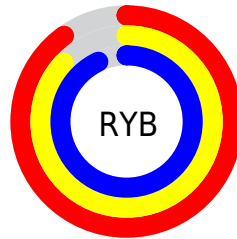
The Yxy color **74.7089, 0.3080, 0.3112** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83.0174, 0.3172, 0.3469**, and the grayscale version is **75.7355, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6485, 0.3065, 0.3073** is the 20% darker color. If you saturate the color by 10%, you get **61.2462, 0.3004, 0.2846**, and if you desaturate by 10%, it is **90.0763, 0.3144, 0.3358**.

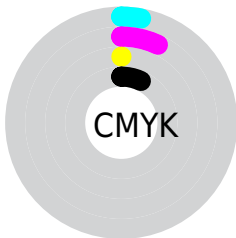
Distribution



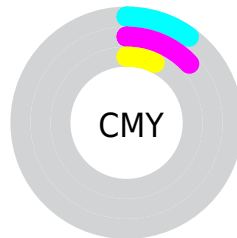
- Red (90%)
- Green (87%)
- Blue (93%)



- Red (90%)
- Yellow (87%)
- Blue (93%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)
- Black (7%)




- Cyan (10%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.7089, 0.3080, 0.3112 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 74.7089, 0.3080, 0.3112 by changing the saturation by 10% instead.


 74.7089, 0.3080,
0.3112

 74.7089, 0.3080,
0.3112

476.9164, 0.3102,
0.3193

 55.3744, 0.3075,
0.3094


125.9002, 0.3088,
0.3140

 39.7016, 0.3069,
0.3071

158.5259, 0.3091,
0.3151

 27.3060, 0.3060,
0.3043


196.3507, 0.3093,
0.3160

 17.8031, 0.3050,
0.3007

239.7591, 0.3096,
0.3169

 10.8087, 0.3035,
0.2958

289.1355, 0.3097,
0.3176

 5.9384, 0.3014,
0.2888

344.8642, 0.3099,

 2.8076, 0.2979,

0.3182

0.2782

407.3298, 0.3101,
0.3188

■ 1.0322, 0.2916,
0.2601

■ 0.0000, 0.1485,
0.0000

■ 74.7089, 0.3080,
0.3112

■ 74.7089, 0.3080,
0.3112

■ 61.2462, 0.3004,
0.2846

■ 90.0763, 0.3144,
0.3358

■ 49.6017, 0.2916,
0.2563

■ 98.4362, 0.3209,
0.3455

■ 39.6968, 0.2816,
0.2270

■ 98.9536, 0.3226,
0.3454

■ 31.4429, 0.2704,
0.1975

■ 24.7434, 0.2584,
0.1692

■ 19.4917, 0.2459,
0.1436

■ 15.5666, 0.2334,
0.1219

■ 12.8266, 0.2215,
0.1054

■ 11.0887, 0.2106,
0.0943

Harmonies

Analogous

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



74.7089, 0.2980, 0.3099



74.7089, 0.3080, 0.3112



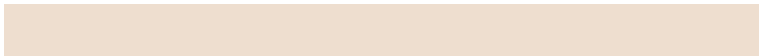
74.7089, 0.3195, 0.3170

Triad

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



74.7089, 0.3080, 0.3112



74.7089, 0.3339, 0.3441



74.7089, 0.2964, 0.3318

Complementary

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



74.7089, 0.3080, 0.3112



83.0174, 0.3172, 0.3469

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.



74.7089, 0.3058, 0.3415



74.7089, 0.3080, 0.3112



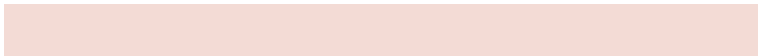
74.7089, 0.3275, 0.3485

Square

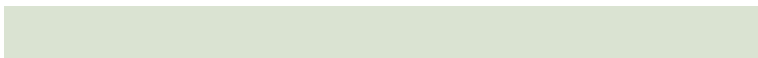
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.7089, 0.3080, 0.3112



74.7089, 0.3346, 0.3358



74.7089, 0.3171, 0.3476



74.7089, 0.2913, 0.3216

Rectangle

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



74.7089, 0.3080, 0.3112



74.7089, 0.3264, 0.3227



74.7089, 0.3171, 0.3476



74.7089, 0.2991, 0.3353

Sweetspot

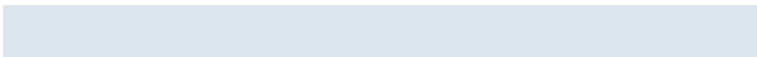
The Sweet Spot groups the original color and five complimentary colors.



74.7121, 0.3080, 0.3112



96.3412, 0.3115, 0.3241



77.5412, 0.3017, 0.3194



20.6593, 0.3115, 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.



74.7121, 0.3080, 0.3112



84.2496, 0.3067, 0.3064



76.0219, 0.3139, 0.3121



15.6444, 0.3063, 0.3052



6.0442, 0.2092, 0.0926



0.5620, 0.2230, 0.1002

Inverse Universe

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



75.5340, 0.3196, 0.3208



85.4569, 0.3215, 0.3186



81.7730, 0.3115, 0.3465



15.8814, 0.3220, 0.3180



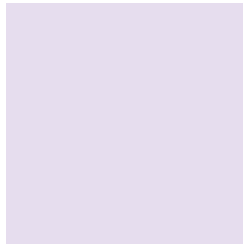
10.8054, 0.5103, 0.2585



0.9188, 0.4789, 0.2412

Previews

White Background



This preview shows how the Yxy color 74.7089, 0.3080, 0.3112 looks on a white background.

Color Contrast Check

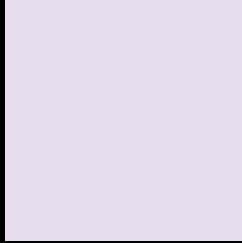
Large Text (above 18pt) WCAG AA × Fail

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 74.7089, 0.3080, 0.3112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

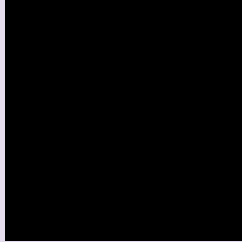
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

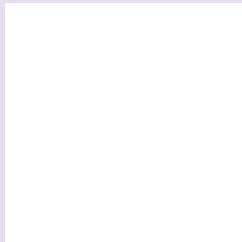
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.7089, 0.3080, 0.3112

Background



This preview shows how black text looks on a background with the Yxy color 74.7089, 0.3080, 0.3112.

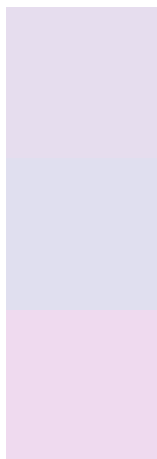


This preview shows how white text looks on a background with the Yxy color 74.7089, 0.3080, 0.3112.

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

74.7089, 0.3080, 0.3112

Protanopia

74.8546, 0.3032, 0.3121

Deuteranopia

74.7255, 0.3137, 0.3075



Tritanopia

74.7089, 0.3080, 0.3112

Trichromacy



Original Color

74.7089, 0.3080, 0.3112

Protanomaly

74.6433, 0.3045, 0.3111

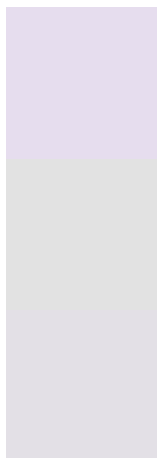
Deuteranomaly

74.7279, 0.3116, 0.3084

Tritanomaly

74.7089, 0.3080, 0.3112

Monochromacy



Original Color

74.7089, 0.3080, 0.3112

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.3554, 0.3109, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7089, 0.3080, 0.3112 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(230, 221, 238)` looks like.

```
.text, #text, p{  
    color:rgb(230, 221, 238)  
}
```

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(230, 221, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 221, 238) }
```

Border

The CSS property to change the border of an element to Yxy 74.7089, 0.3080, 0.3112 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(230, 221, 238) }
```

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

```
.border{ border-color:rgb(230, 221, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 221, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 221, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 221, 238);  
box-shadow:4px 4px 4px 4px rgb(230, 221,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7089, 0.3080, 0.3112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 221, 238) }
```

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

```
.background{ background-color: rgb(230,  
221, 238) }
```

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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