

Converting Colors

$Y_{xy}(74.1096, 0.3052, 0.3114)$

Have a look what the booklet for
Yxy(74.1096, 0.3052, 0.3114)
contains.

Yxy(74.0547, 0.3052, 0.3111)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.0547, 0.3052, 0.3111)

Conversions

Conversions Part 1

Format	Color
Hex	E2DDEE
RGB	226, 221, 238
RGB Percent	89%, 87%, 93%
CMY	0.1137, 0.1333, 0.0667
CMYK	0.05, 0.07, 0.00, 0.07
HSL	258°, 33%, 90%
HSV	258°, 7%, 93%
XYZ	72.6503, 74.0547, 91.3365
YIQ	224.4330, -2.4770, 6.3470

Conversions

Conversions Part 2

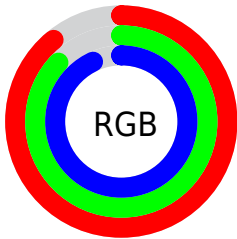
Format	Color
R _Y B	226, 221, 238
Decimal	14867950
CIE Lab	88.95, 4.80, -7.68
CIE LCh	89, 9.052, 302.007
Yxy	74.0547, 0.3052, 0.3111
Android (android.graphics.Color)	4293058030 (0xFFE2DDEE)
YUV	224.4330, 6.6885, 1.3743
Hunter-Lab	86.0550, 0.0988, -2.6903

Details

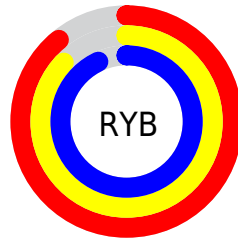
The Yxy color **74.0547, 0.3052, 0.3111** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83.6790, 0.3199, 0.3467**, and the grayscale version is **74.8208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3078, 0.3038, 0.3071** is the 20% darker color. If you saturate the color by 10%, you get **59.7850, 0.2932, 0.2837**, and if you desaturate by 10%, it is **90.3779, 0.3155, 0.3358**.

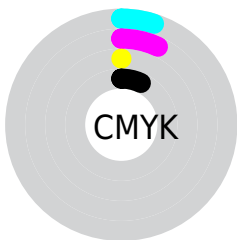
Distribution



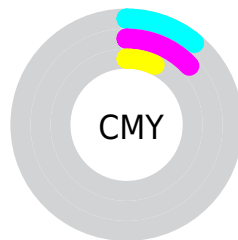
- Red (89%)
- Green (87%)
- Blue (93%)



- Red (89%)
- Yellow (87%)
- Blue (93%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (7%)



- Cyan (11%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0547, 0.3052, 0.3111 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 74.0547, 0.3052, 0.3111 by changing the saturation by 10% instead.

74.0547, 0.3052,
0.3111

74.0547, 0.3052,
0.3111

474.6621, 0.3087,
0.3193

54.8388, 0.3044,
0.3093

124.9733, 0.3064,
0.3139

39.2727, 0.3034,
0.3070

157.4449, 0.3069,
0.3150

26.9719, 0.3021,
0.3041

195.1038, 0.3073,
0.3160

17.5521, 0.3005,
0.3004

238.3344, 0.3077,
0.3168

10.6289, 0.2982,
0.2954

287.5212, 0.3080,
0.3175

5.8179, 0.2949,
0.2883

343.0484, 0.3082,

2.7347, 0.2897,

0.3182

0.2774

405.3006, 0.3085,
0.3188

0.9948, 0.2803,
0.2587

0.0000, 0.0155,
0.0000

74.0547, 0.3052,
0.3111

74.0547, 0.3052,
0.3111

59.7850, 0.2932,
0.2837

90.3779, 0.3155,
0.3358

47.4771, 0.2796,
0.2538

98.9518, 0.3226,
0.3454

37.0465, 0.2643,
0.2221

28.3986, 0.2476,
0.1894

■ 21.4306, 0.2302,
0.1574

■ 16.0287, 0.2129,
0.1280

■ 12.0645, 0.1965,
0.1031

■ 9.3885, 0.1823,
0.0844

■ 7.8091, 0.1709,
0.0726

Harmonies

Analogous

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



74.0547, 0.2965, 0.3112



74.0547, 0.3052, 0.3111



74.0547, 0.3161, 0.3155

Triad

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



74.0547, 0.3052, 0.3111



74.0547, 0.3338, 0.3415



74.0547, 0.2993, 0.3345

Complementary

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



74.0547, 0.3052, 0.3111



83.6790, 0.3199, 0.3467

Split Complementary

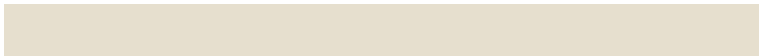
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.0547, 0.3091, 0.3431



74.0547, 0.3052, 0.3111



74.0547, 0.3291, 0.3470

Square

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



74.0547, 0.3052, 0.3111



74.0547, 0.3328, 0.3329



74.0547, 0.3200, 0.3476



74.0547, 0.2931, 0.3246

Rectangle

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



74.0547, 0.3052, 0.3111



74.0547, 0.3231, 0.3205



74.0547, 0.3200, 0.3476



74.0547, 0.3023, 0.3377

Sweetspot

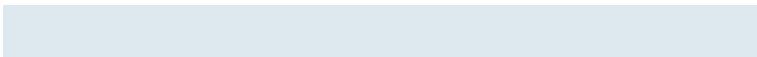
The Sweet Spot groups the original color and five complimentary colors.



74.0579, 0.3052, 0.3111



96.1128, 0.3107, 0.3241



79.9197, 0.3017, 0.3239



20.6128, 0.3108, 0.3243



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.



74.0579, 0.3052, 0.3111



83.2776, 0.3031, 0.3061



75.4325, 0.3110, 0.3114



15.4540, 0.3025, 0.3049



4.2286, 0.1695, 0.0707



0.4012, 0.1833, 0.0783

Inverse Universe

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



75.7730, 0.3168, 0.3166



85.7941, 0.3180, 0.3133



82.3147, 0.3143, 0.3469



15.9475, 0.3183, 0.3125



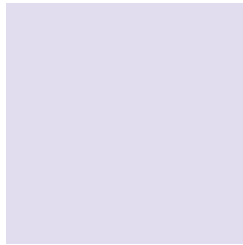
11.7416, 0.4124, 0.2045



0.9941, 0.3974, 0.1963

Previews

White Background



This preview shows how the Yxy color 74.0547, 0.3052, 0.3111 looks on a white background.

Color Contrast Check

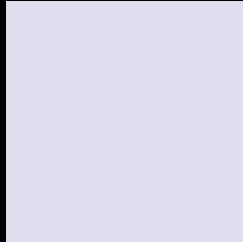
Large Text (above 18pt) WCAG AA × Fail

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 74.0547, 0.3052, 0.3111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

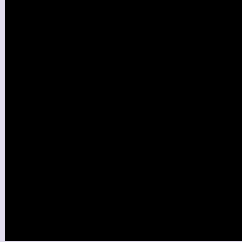
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.0547, 0.3052, 0.3111

Background



This preview shows how black text looks on a background with the Yxy color 74.0547, 0.3052, 0.3111.

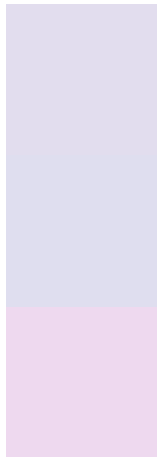


This preview shows how white text looks on a background with the Yxy color 74.0547, 0.3052, 0.3111.

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

74.0547, 0.3052, 0.3111

Protanopia

74.1625, 0.3025, 0.3110

Deuteranopia

74.0348, 0.3131, 0.3064



Tritanopia

74.0547, 0.3052, 0.3111

Trichromacy



Original Color

74.0547, 0.3052, 0.3111

Protanomaly

74.3218, 0.3032, 0.3110

Deuteranomaly

73.8672, 0.3102, 0.3072

Tritanomaly

74.0547, 0.3052, 0.3111

Monochromacy



Original Color

74.0547, 0.3052, 0.3111

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.4400, 0.3102, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0547, 0.3052, 0.3111 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(226, 221, 238)` looks like.

```
.text, #text, p{  
    color:rgb(226, 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(226, 221, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 221, 238) }
```

Border

The CSS property to change the border of an element to Yxy 74.0547, 0.3052, 0.3111 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(226, 221, 238) }
```

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

```
.border{ border-color:rgb(226, 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(226, 221, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 221, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 221, 238);  
box-shadow:4px 4px 4px 4px rgb(226, 221,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0547, 0.3052, 0.3111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 221, 238) }
```

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

```
.background{ background-color: rgb(226,  
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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