

Converting Colors

$Yxy(74.1008, 0.3091, 0.3057)$

Have a look what the booklet for
Yxy(74.1008, 0.3091, 0.3057)
contains.

Yxy(73.9861, 0.3089, 0.3052)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(73.9861, 0.3089, 0.3052)

Conversions

Conversions Part 1

Format	Color
Hex	EADAF1
RGB	234, 218, 241
RGB Percent	92%, 85%, 95%
CMY	0.0823, 0.1451, 0.0549
CMYK	0.03, 0.10, 0.00, 0.05
HSL	282°, 45%, 90%
HSV	282°, 10%, 95%
XYZ	74.8830, 73.9861, 93.5493
YIQ	225.4060, 2.1530, 10.5450

Conversions

Conversions Part 2

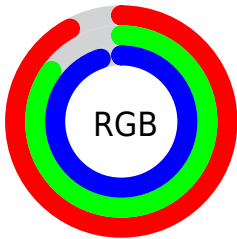
Format	Color
RYB	234, 218, 241
Decimal	15391473
CIELab	88.92, 9.57, -9.24
CIELCh	89, 13.308, 316.007
Yxy	73.9861, 0.3089, 0.3052
Android (android.graphics.Color)	4293581553 (0xFFEADAF1)
YUV	225.4060, 7.6878, 7.5369
Hunter-Lab	86.0152, 4.8719, -4.2726

Details

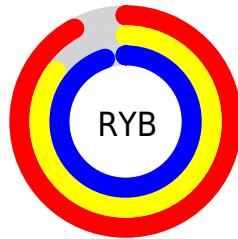
The Yxy color $73.9861, 0.3089, 0.3052$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $83.9753, 0.3162, 0.3533$, and the grayscale version is $75.5478, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.1621, 0.3076, 0.2996$ is the 20% darker color. If you saturate the color by 10%, you get $61.1725, 0.3041, 0.2788$, and if you desaturate by 10%, it is $88.6744, 0.3129, 0.3301$.

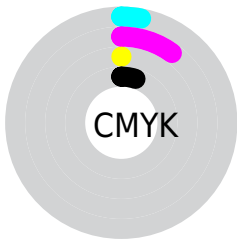
Distribution



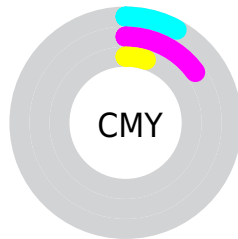
- Red (92%)
- Green (85%)
- Blue (95%)



- Red (92%)
- Yellow (85%)
- Blue (95%)



- Cyan (3%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)





- Cyan (8%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.9861, 0.3089, 0.3052 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 73.9861, 0.3089, 0.3052 by changing the saturation by 10% instead.


 73.9861, 0.3089,
0.3052

 73.9861, 0.3089,
0.3052


474.4254, 0.3107,
0.3160

 54.7827, 0.3085,
0.3028


124.8761, 0.3096,
0.3089

 39.2277, 0.3079,
0.2998


157.3315, 0.3098,
0.3104

 26.9369, 0.3072,
0.2961


194.9729, 0.3100,
0.3116

 17.5259, 0.3063,
0.2913

238.1848, 0.3102,
0.3127

 10.6101, 0.3050,
0.2849

287.3517, 0.3104,
0.3137

 5.8053, 0.3030,
0.2758

342.8578, 0.3105,

 2.7271, 0.2998,

0.3145

0.2621

405.0876, 0.3106,
0.3153

0.9910, 0.2937,
0.2391

0.0000, 0.1884,
0.0000

73.9861, 0.3089,
0.3052

73.9861, 0.3089,
0.3052

61.1725, 0.3041,
0.2788

88.6744, 0.3129,
0.3301

50.1455, 0.2985,
0.2514

97.9458, 0.3168,
0.3426

40.8237, 0.2921,
0.2238

99.1307, 0.3209,
0.3425

33.1160, 0.2849,
0.1970

■ 26.9223, 0.2771,
0.1721

■ 22.1312, 0.2689,
0.1505

■ 18.6157, 0.2605,
0.1330

■ 16.2248, 0.2524,
0.1204

■ 14.7179, 0.2445,
0.1122

Harmonies

Analogous

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



73.9861, 0.2942, 0.3021



73.9861, 0.3089, 0.3052



73.9861, 0.3250, 0.3142

Triad

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



73.9861, 0.3089, 0.3052



73.9861, 0.3415, 0.3518



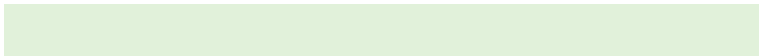
73.9861, 0.2880, 0.3302

Complementary

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



73.9861, 0.3089, 0.3052



83.9753, 0.3162, 0.3533

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.



73.9861, 0.3001, 0.3445



73.9861, 0.3089, 0.3052



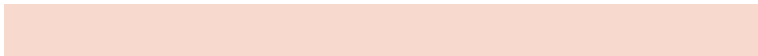
73.9861, 0.3311, 0.3570

Square

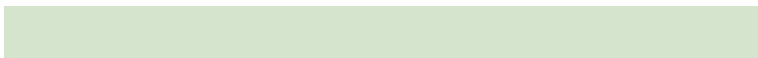
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.9861, 0.3089, 0.3052



73.9861, 0.3441, 0.3407



73.9861, 0.3159, 0.3544



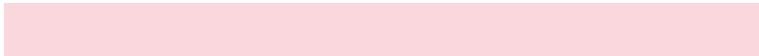
73.9861, 0.2823, 0.3160

Rectangle

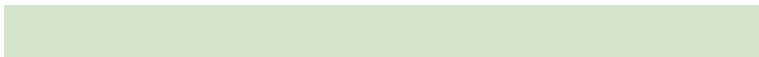
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.9861, 0.3089, 0.3052



73.9861, 0.3343, 0.3226



73.9861, 0.3159, 0.3544



73.9861, 0.2914, 0.3352

Sweetspot

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



73.9893, 0.3089, 0.3052



94.7780, 0.3116, 0.3217



75.2600, 0.2979, 0.3123



19.9948, 0.3113, 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.



73.9893, 0.3089, 0.3052



81.8114, 0.3082, 0.3014



74.9453, 0.3166, 0.3098



15.7766, 0.3089, 0.3054



8.0224, 0.2454, 0.1126



0.7192, 0.2556, 0.1182

Inverse Universe

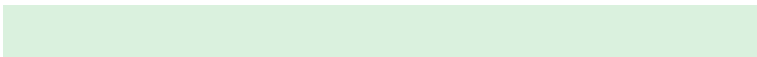
The Inverse Universe completely reimagines the original color for something new.



74.2790, 0.3246, 0.3218



82.1959, 0.3267, 0.3206



83.0998, 0.3090, 0.3490



15.8378, 0.3245, 0.3219



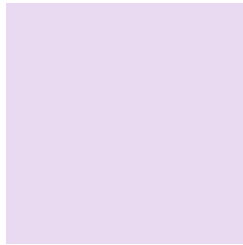
10.4240, 0.5749, 0.2941



0.8842, 0.5376, 0.2735

Previews

White Background



This preview shows how the Yxy color 73.9861, 0.3089, 0.3052 looks on a white background.

Color Contrast Check

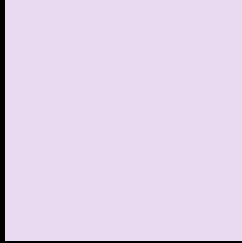
Large Text (above 18pt) WCAG AA × Fail

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 73.9861, 0.3089, 0.3052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

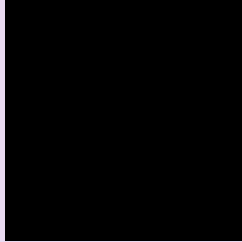
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

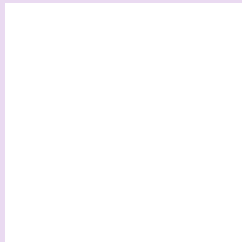
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.9861, 0.3089, 0.3052

Background



This preview shows how black text looks on a background with the Yxy color 73.9861, 0.3089, 0.3052.



This preview shows how white text looks on a background with the Yxy color 73.9861, 0.3089, 0.3052.

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

73.9861, 0.3089, 0.3052

Protanopia

74.0858, 0.2986, 0.3068

Deuteranopia

73.9811, 0.3110, 0.3043



Tritanopia

74.0428, 0.3114, 0.3113

Trichromacy



Original Color

73.9861, 0.3089, 0.3052

Protanomaly

74.2925, 0.3026, 0.3070

Deuteranomaly

73.8094, 0.3103, 0.3043

Tritanomaly

74.1597, 0.3101, 0.3092

Monochromacy



Original Color

73.9861, 0.3089, 0.3052

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.5061, 0.3111, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9861, 0.3089, 0.3052 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(234, 218, 241)` looks like.

```
.text, #text, p{  
    color:rgb(234, 218, 241)  
}
```

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(234, 218, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 218, 241) }
```

Border

The CSS property to change the border of an element to Yxy 73.9861, 0.3089, 0.3052 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(234, 218, 241) }
```

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

```
.border{ border-color:rgb(234, 218, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 218, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 218, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 218, 241);  
box-shadow:4px 4px 4px 4px rgb(234, 218,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9861, 0.3089, 0.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 218, 241) }
```

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

```
.background{ background-color: rgb(234,  
218, 241) }
```

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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