

Converting Colors

$Yxy(73.7451, 0.3146, 0.3094)$

Have a look what the booklet for
Yxy(73.7451, 0.3146, 0.3094)
contains.

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Color

Yxy(73.6864, 0.3144, 0.3093)

Conversions

Conversions Part 1

Format	Color
Hex	EDD9EC
RGB	237, 217, 236
RGB Percent	93%, 85%, 93%
CMY	0.0703, 0.1491, 0.0744
CMYK	0.00, 0.08, 0.00, 0.07
HSL	303°, 36%, 89%
HSV	303°, 8%, 93%
XYZ	74.9014, 73.6864, 89.6482
YIQ	225.1460, 5.8210, 10.1490

Conversions

Conversions Part 2

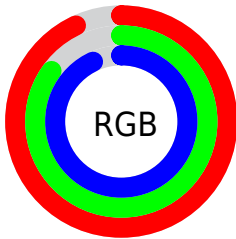
Format	Color
R _Y B	237, 217, 236
Decimal	15587820
CIE Lab	88.77, 10.22, -6.81
CIE LCh	89, 12.282, 326.341
Yxy	73.6864, 0.3144, 0.3093
Android (android.graphics.Color)	4293777900 (0xFFEDD9EC)
YUV	225.1460, 5.3510, 10.3960
Hunter-Lab	85.8408, 5.5309, -1.8312

Details

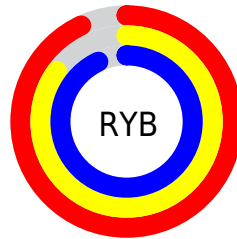
The Yxy color **73.6864, 0.3144, 0.3093** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.4295, 0.3110, 0.3495**, and the grayscale version is **75.3724, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.9597, 0.3148, 0.3050** is the 20% darker color. If you saturate the color by 10%, you get **62.2620, 0.3166, 0.2855**, and if you desaturate by 10%, it is **86.8732, 0.3124, 0.3325**.

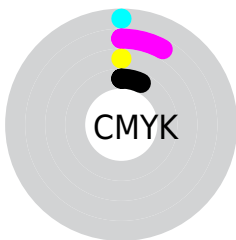
Distribution



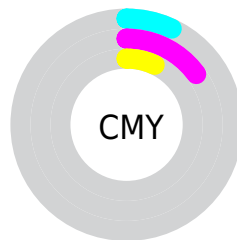
- Red (93%)
- Green (85%)
- Blue (93%)



- Red (93%)
- Yellow (85%)
- Blue (93%)



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)





- Cyan (7%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.6864, 0.3144, 0.3093 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 73.6864, 0.3144, 0.3093 by changing the saturation by 10% instead.


 73.6864, 0.3144,
0.3093

 73.6864, 0.3144,
0.3093

473.3903, 0.3137,
0.3183

 54.5374, 0.3145,
0.3073


124.4512, 0.3142,
0.3124

 39.0315, 0.3147,
0.3048


156.8357, 0.3141,
0.3136

 26.7842, 0.3149,
0.3017


194.4009, 0.3140,
0.3146

 17.4112, 0.3152,
0.2977

237.5311, 0.3139,
0.3155

 10.5281, 0.3155,
0.2923

286.6108, 0.3138,
0.3163

 5.7505, 0.3159,
0.2847

342.0243, 0.3138,

 2.6940, 0.3164,

0.3171

0.2731

404.1560, 0.3137,
0.3177

0.9741, 0.3168,
0.2533

0.0000, 0.2687,
0.0000

73.6864, 0.3144,
0.3093

73.6864, 0.3144,
0.3093

62.2620, 0.3166,
0.2855

86.8732, 0.3124,
0.3325

52.5161, 0.3189,
0.2616

95.7433, 0.3111,
0.3454

44.3719, 0.3213,
0.2384

95.8174, 0.3103,
0.3441

37.7432, 0.3238,
0.2169

95.8920, 0.3096,
0.3429

32.5355, 0.3263,
0.1980

95.9671, 0.3089,
0.3416

28.6437, 0.3287,
0.1827

96.0427, 0.3082,
0.3403

25.9484, 0.3309,
0.1716

96.1189, 0.3075,
0.3391

24.3083, 0.3329,
0.1649

96.1956, 0.3068,
0.3378

23.5199, 0.3346,
0.1621

96.2728, 0.3061,
0.3366

Harmonies

Analogous

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



73.6864, 0.2999, 0.3044



73.6864, 0.3144, 0.3093



73.6864, 0.3287, 0.3192

Triad

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



73.6864, 0.3144, 0.3093



73.6864, 0.3367, 0.3524



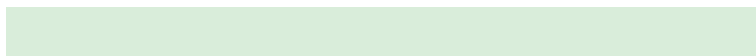
73.6864, 0.2872, 0.3254

Complementary

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



73.6864, 0.3144, 0.3093



80.4295, 0.3110, 0.3495

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.



73.6864, 0.2967, 0.3390



73.6864, 0.3144, 0.3093



73.6864, 0.3252, 0.3548

Square

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



73.6864, 0.3144, 0.3093



73.6864, 0.3418, 0.3438



73.6864, 0.3105, 0.3499



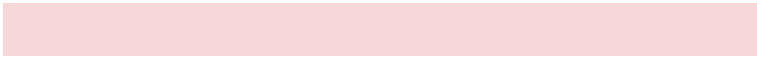
73.6864, 0.2845, 0.3132

Rectangle

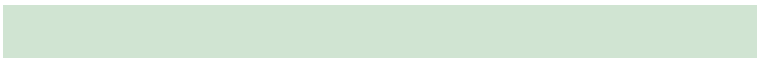
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.6864, 0.3144, 0.3093



73.6864, 0.3362, 0.3274



73.6864, 0.3105, 0.3499



73.6864, 0.2897, 0.3300

Sweetspot

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



73.6896, 0.3144, 0.3093



95.1898, 0.3133, 0.3221



70.6348, 0.3003, 0.3073



20.1063, 0.3135, 0.3202



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.



73.6896, 0.3144, 0.3093



84.7093, 0.3147, 0.3056



73.1245, 0.3212, 0.3196



15.2992, 0.3146, 0.3070



12.7886, 0.3346, 0.1617



1.0084, 0.3325, 0.1605

Inverse Universe

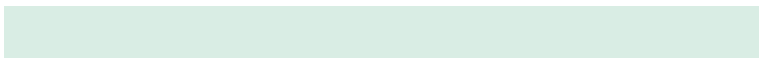
The Inverse Universe completely reimagines the original color for something new.



73.6896, 0.3144, 0.3093



84.7093, 0.3147, 0.3056



80.9689, 0.3050, 0.3386



15.2992, 0.3146, 0.3070



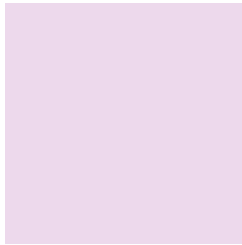
12.7886, 0.3346, 0.1617



1.0084, 0.3325, 0.1605

Previews

White Background



This preview shows how the Yxy color 73.6864, 0.3144, 0.3093 looks on a white background.

Color Contrast Check

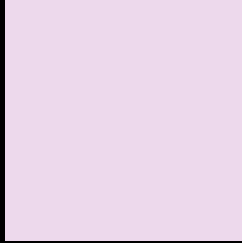
Large Text (above 18pt) WCAG AA × Fail

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 73.6864, 0.3144, 0.3093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

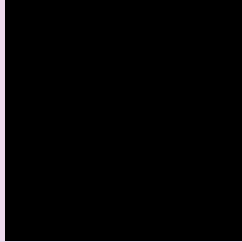
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

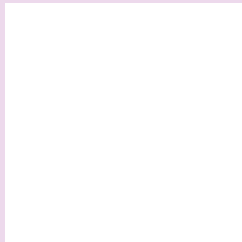
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6864, 0.3144, 0.3093

Background



This preview shows how black text looks on a background with the Yxy color 73.6864, 0.3144, 0.3093.



This preview shows how white text looks on a background with the Yxy color 73.6864, 0.3144, 0.3093.

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

73.6864, 0.3144, 0.3093

Protanopia

74.0041, 0.3018, 0.3110

Deuteranopia

73.5186, 0.3158, 0.3084



Tritanopia

73.5707, 0.3157, 0.3114

Trichromacy



Original Color

73.6864, 0.3144, 0.3093

Protanomaly

73.6903, 0.3059, 0.3100

Deuteranomaly

73.3450, 0.3151, 0.3083

Tritanomaly

73.6284, 0.3150, 0.3104

Monochromacy



Original Color

73.6864, 0.3144, 0.3093

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.5577, 0.3131, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6864, 0.3144, 0.3093 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, 217, 236)` looks like.

```
.text, #text, p{  
    color:rgb(237, 217, 236)  
}
```

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, 217, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 217, 236) }
```

Border

The CSS property to change the border of an element to Yxy 73.6864, 0.3144, 0.3093 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, 217, 236) }
```

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

```
.border{ border-color:rgb(237, 217, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 217, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 217, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 217, 236);  
box-shadow:4px 4px 4px 4px rgb(237, 217,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6864, 0.3144, 0.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 217, 236) }
```

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

```
.background{ background-color: rgb(237,  
217, 236) }
```

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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