

Converting Colors

$Y_{xy}(73.9792, 0.3117, 0.3178)$

Have a look what the booklet for
Yxy(73.9792, 0.3117, 0.3178)
contains.

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Color

Yxy(74.1404, 0.3118, 0.3184)

Conversions

Conversions Part 1

Format	Color
Hex	E5DDE7
RGB	229, 221, 231
RGB Percent	90%, 87%, 91%
CMY	0.1018, 0.1334, 0.0940
CMYK	0.01, 0.04, 0.00, 0.09
HSL	288°, 17%, 89%
HSV	288°, 4%, 91%
XYZ	72.6036, 74.1404, 86.1090
YIQ	224.5320, 1.5580, 4.8060

Conversions

Conversions Part 2

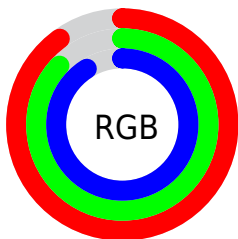
Format	Color
R _Y B	229, 221, 231
Decimal	15064551
CIE Lab	88.99, 4.53, -3.94
CIE LCh	89, 5.998, 318.978
Yxy	74.1404, 0.3118, 0.3184
Android (android.graphics.Color)	4293254631 (0xFFE5DDE7)
YUV	224.5320, 3.1887, 3.9184
Hunter-Lab	86.1048, -0.1723, 0.9805

Details

The Yxy color **74.1404, 0.3118, 0.3184** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.0784, 0.3136, 0.3397**, and the grayscale version is **74.9232, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3663, 0.3124, 0.3167** is the 20% darker color. If you saturate the color by 10%, you get **62.0233, 0.3093, 0.2931**, and if you desaturate by 10%, it is **87.9627, 0.3138, 0.3423**.

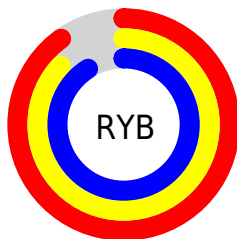
Distribution



Red (90%)

Green (87%)

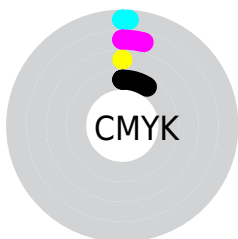
Blue (91%)



Red (90%)

Yellow (87%)

Blue (91%)

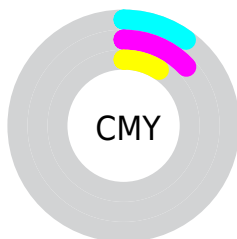


Cyan (1%)

Magenta (4%)

Yellow (0%)

Black (9%)



Cyan (10%)

Magenta (13%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1404, 0.3118, 0.3184 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 74.1404, 0.3118, 0.3184 by changing the saturation by 10% instead.


 74.1404, 0.3118,
0.3184

 74.1404, 0.3118,
0.3184


474.9578, 0.3122,
0.3233

 54.9090, 0.3117,
0.3173

125.0948, 0.3120,
0.3201

 39.3288, 0.3116,
0.3159


157.5866, 0.3120,
0.3207

 27.0156, 0.3114,
0.3142


195.2672, 0.3121,
0.3213

 17.5850, 0.3112,
0.3120

238.5212, 0.3121,
0.3218

 10.6524, 0.3109,
0.3090

287.7328, 0.3122,
0.3222

 5.8336, 0.3104,
0.3047

343.2865, 0.3122,

 2.7442, 0.3096,

0.3226

0.2981

405.5667, 0.3122,
0.3230

0.9997, 0.3081,
0.2865

0.0000, 0.0259,
0.0000

74.1404, 0.3118,
0.3184

74.1404, 0.3118,
0.3184

62.0233, 0.3093,
0.2931

87.9627, 0.3138,
0.3423

51.5336, 0.3063,
0.2668

95.5124, 0.3161,
0.3530

42.6016, 0.3028,
0.2403

96.3221, 0.3190,
0.3528

35.1487, 0.2987,
0.2144

97.1524, 0.3219,
0.3526

■ 29.0894, 0.2941,
0.1902

■ 98.0034, 0.3249,
0.3523

■ 24.3296, 0.2891,
0.1688

■ 98.5514, 0.3268,
0.3522

■ 20.7632, 0.2838,
0.1512

■ 18.2673, 0.2784,
0.1381

■ 16.6917, 0.2731,
0.1295

Harmonies

Analogous

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



74.1404, 0.3050, 0.3167



74.1404, 0.3118, 0.3184



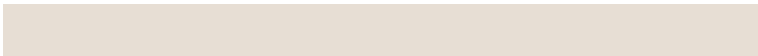
74.1404, 0.3190, 0.3228

Triad

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



74.1404, 0.3118, 0.3184



74.1404, 0.3253, 0.3397



74.1404, 0.3011, 0.3290

Complementary

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



74.1404, 0.3118, 0.3184



78.0784, 0.3136, 0.3397

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.



74.1404, 0.3064, 0.3353



74.1404, 0.3118, 0.3184



74.1404, 0.3204, 0.3415

Square

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



74.1404, 0.3118, 0.3184



74.1404, 0.3268, 0.3350



74.1404, 0.3135, 0.3400



74.1404, 0.2988, 0.3227

Rectangle

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



74.1404, 0.3118, 0.3184



74.1404, 0.3229, 0.3268



74.1404, 0.3135, 0.3400



74.1404, 0.3026, 0.3312

Sweetspot

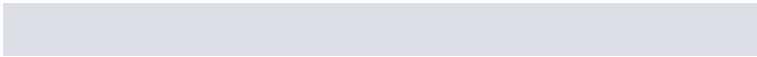
The Sweet Spot groups the original color and five complimentary colors.



74.1436, 0.3118, 0.3184



98.2874, 0.3125, 0.3266



73.9186, 0.3061, 0.3204



21.0556, 0.3125, 0.3267



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.



74.1436, 0.3118, 0.3184



91.6537, 0.3116, 0.3167



74.3065, 0.3152, 0.3216



15.4644, 0.3115, 0.3151



9.0623, 0.2710, 0.1266



0.7067, 0.2786, 0.1309

Inverse Universe

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



74.0314, 0.3185, 0.3269



91.4933, 0.3195, 0.3266



77.9239, 0.3103, 0.3365



15.4339, 0.3204, 0.3262



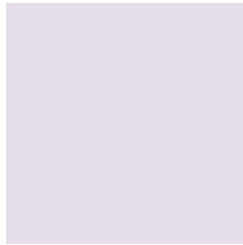
9.6494, 0.6071, 0.3118



0.7261, 0.5673, 0.2899

Previews

White Background



This preview shows how the Yxy color 74.1404, 0.3118, 0.3184 looks on a white background.

Color Contrast Check

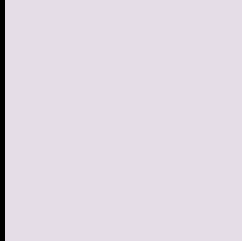
Large Text (above 18pt) WCAG AA × Fail

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 74.1404, 0.3118, 0.3184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

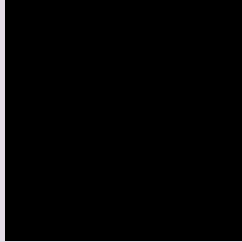
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

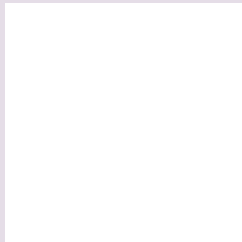
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.1404, 0.3118, 0.3184

Background



This preview shows how black text looks on a background with the Yxy color 74.1404, 0.3118, 0.3184.

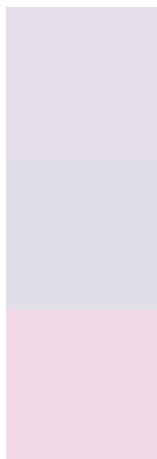


This preview shows how white text looks on a background with the Yxy color 74.1404, 0.3118, 0.3184.

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

74.1404, 0.3118, 0.3184

Protanopia

74.0763, 0.3083, 0.3184

Deuteranopia

74.1527, 0.3199, 0.3136



Tritanopia

74.1238, 0.3086, 0.3112

Trichromacy



Original Color

74.1404, 0.3118, 0.3184

Protanomaly

74.2375, 0.3090, 0.3184

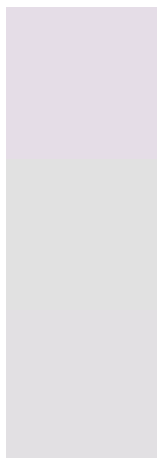
Deuteranomaly

73.9735, 0.3170, 0.3145

Tritanomaly

74.0076, 0.3099, 0.3133

Monochromacy



Original Color

74.1404, 0.3118, 0.3184

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.0261, 0.3122, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1404, 0.3118, 0.3184 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(229, 221, 231)` looks like.

```
.text, #text, p{  
    color:rgb(229, 221, 231)  
}
```

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(229, 221, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 221, 231) }
```

Border

The CSS property to change the border of an element to Yxy 74.1404, 0.3118, 0.3184 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(229, 221, 231) }
```

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

```
.border{ border-color:rgb(229, 221, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 221, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 221, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 221, 231);  
box-shadow:4px 4px 4px 4px rgb(229, 221,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1404, 0.3118, 0.3184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 221, 231) }
```

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

```
.background{ background-color: rgb(229,  
221, 231) }
```

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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