

Converting Colors

$Y_{xy}(78.3540, 0.3130, 0.3118)$

Have a look what the booklet for
Yxy(78.3540, 0.3130, 0.3118)
contains.

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Color

Yxy(78.1874, 0.3128, 0.3117)

Conversions

Conversions Part 1

Format	Color
Hex	F0E0F1
RGB	240, 224, 241
RGB Percent	94%, 88%, 95%
CMY	0.0589, 0.1215, 0.0548
CMYK	0.00, 0.07, 0.00, 0.05
HSL	296°, 38%, 91%
HSV	296°, 7%, 95%
XYZ	78.4633, 78.1874, 94.1911
YIQ	230.7220, 4.0790, 8.6790

Conversions

Conversions Part 2

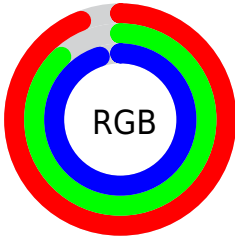
Format	Color
R _Y B	240, 224, 241
Decimal	15786225
CIE Lab	90.87, 8.42, -6.32
CIE LCh	91, 10.523, 323.115
Yxy	78.1874, 0.3128, 0.3117
Android (android.graphics.Color)	4293976305 (0xFFFF0E0F1)
YUV	230.7220, 5.0671, 8.1368
Hunter-Lab	88.4236, 3.6518, -1.2607

Details

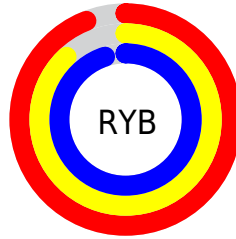
The Yxy color $78.1874, 0.3128, 0.3117$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $84.3232, 0.3126, 0.3468$, and the grayscale version is $79.6536, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $42.0691, 0.3128, 0.3081$ is the 20% darker color. If you saturate the color by 10%, you get $65.8809, 0.3128, 0.2865$, and if you desaturate by 10%, it is $92.3391, 0.3127, 0.3360$.

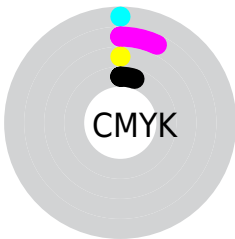
Distribution



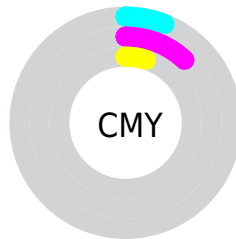
- Red (94%)
- Green (88%)
- Blue (95%)



- Red (94%)
- Yellow (88%)
- Blue (95%)



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




- Cyan (6%)
- Magenta (12%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.1874, 0.3128, 0.3117 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 78.1874, 0.3128, 0.3117 by changing the saturation by 10% instead.


 78.1874, 0.3128,
0.3117

 78.1874, 0.3128,
0.3117

488.8030, 0.3128,
0.3195

 58.2279, 0.3128,
0.3100


130.8143, 0.3128,
0.3144

 41.9919, 0.3128,
0.3078


164.2505, 0.3128,
0.3154

 29.0950, 0.3127,
0.3052

202.9477, 0.3128,
0.3163

 19.1527, 0.3127,
0.3018

247.2903, 0.3128,
0.3171

 11.7806, 0.3126,
0.2972

297.6628, 0.3128,
0.3178

 6.5945, 0.3124,
0.2908

354.4495, 0.3128,

 3.2098, 0.3120,

0.3185

0.2812

418.0347, 0.3128,
0.3190

■ 1.2422, 0.3111,
0.2652

■ 0.0958, 0.3161,
0.1021

■ 78.1874, 0.3128,
0.3117

■ 78.1874, 0.3128,
0.3117

■ 65.8809, 0.3128,
0.2865

■ 92.3391, 0.3127,
0.3360

■ 55.3327, 0.3126,
0.2609

■ 96.9169, 0.3133,
0.3427

■ 46.4637, 0.3123,
0.2360

■ 97.1822, 0.3142,
0.3427

■ 39.1853, 0.3117,
0.2124

■ 97.4495, 0.3151,
0.3427

33.4003, 0.3109,
0.1914

97.7191, 0.3161,
0.3426

29.0012, 0.3098,
0.1739

97.9908, 0.3170,
0.3426

25.8659, 0.3086,
0.1604

98.2646, 0.3179,
0.3426

23.8513, 0.3072,
0.1514

98.5407, 0.3189,
0.3425

22.7731, 0.3057,
0.1465

98.8188, 0.3198,
0.3425

Harmonies

Analogous

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



78.1874, 0.3008, 0.3081



78.1874, 0.3128, 0.3117



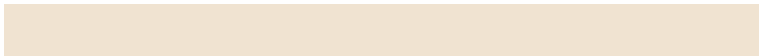
78.1874, 0.3250, 0.3197

Triad

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



78.1874, 0.3128, 0.3117



78.1874, 0.3336, 0.3482



78.1874, 0.2919, 0.3273

Complementary

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



78.1874, 0.3128, 0.3117



84.3232, 0.3126, 0.3468

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.



78.1874, 0.3004, 0.3385



78.1874, 0.3128, 0.3117



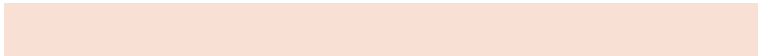
78.1874, 0.3245, 0.3507

Square

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



78.1874, 0.3128, 0.3117



78.1874, 0.3372, 0.3405



78.1874, 0.3123, 0.3472



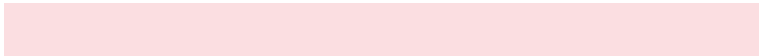
78.1874, 0.2889, 0.3168

Rectangle

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



78.1874, 0.3128, 0.3117



78.1874, 0.3316, 0.3265



78.1874, 0.3123, 0.3472



78.1874, 0.2942, 0.3311

Sweetspot

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



78.1908, 0.3128, 0.3117



96.7295, 0.3127, 0.3241



76.1310, 0.3019, 0.3123



20.7383, 0.3127, 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.



78.1908, 0.3128, 0.3117



87.4302, 0.3128, 0.3093



77.9430, 0.3183, 0.3192



15.9789, 0.3128, 0.3057



12.2470, 0.3055, 0.1457



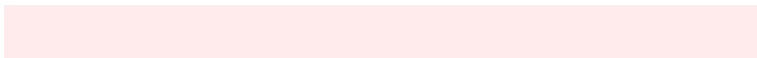
1.0337, 0.3077, 0.1469

Inverse Universe

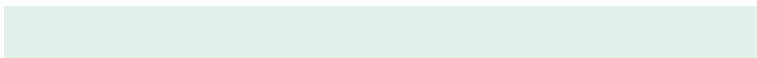
The Inverse Universe completely reimagines the original color for something new.



77.4621, 0.3241, 0.3280



86.4957, 0.3258, 0.3278



84.5639, 0.3075, 0.3391



15.7746, 0.3284, 0.3276



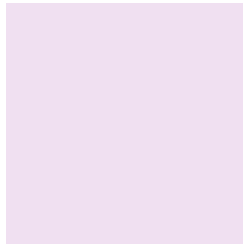
10.1659, 0.6335, 0.3264



0.8512, 0.6170, 0.3173

Previews

White Background



This preview shows how the Yxy color 78.1874, 0.3128, 0.3117 looks on a white background.

Color Contrast Check

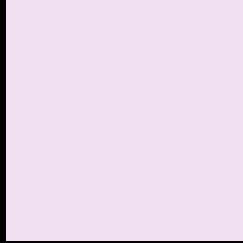
Large Text (above 18pt) WCAG AA × Fail

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 78.1874, 0.3128, 0.3117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

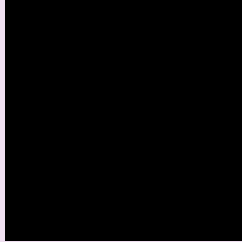
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

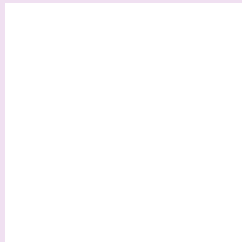
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.1874, 0.3128, 0.3117

Background



This preview shows how black text looks on a background with the Yxy color 78.1874, 0.3128, 0.3117.



This preview shows how white text looks on a background with the Yxy color 78.1874, 0.3128, 0.3117.

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

78.1874, 0.3128, 0.3117

Protanopia

78.0672, 0.3040, 0.3124

Deuteranopia

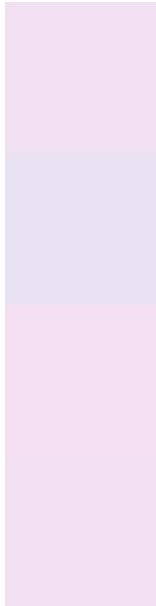
78.0059, 0.3164, 0.3099



Tritanopia

78.2474, 0.3122, 0.3107

Trichromacy



Original Color

78.1874, 0.3128, 0.3117

Protanomaly

78.1272, 0.3073, 0.3125

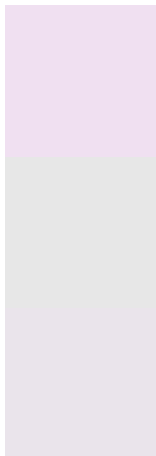
Deuteranomaly

78.1809, 0.3150, 0.3108

Tritanomaly

78.2474, 0.3122, 0.3107

Monochromacy



Original Color

78.1874, 0.3128, 0.3117

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

78.9774, 0.3124, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.1874, 0.3128, 0.3117 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(240, 224, 241)` looks like.

```
.text, #text, p{  
    color:rgb(240, 224, 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(240, 224, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 224, 241) }
```

Border

The CSS property to change the border of an element to Yxy 78.1874, 0.3128, 0.3117 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(240, 224, 241) }
```

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

```
.border{ border-color:rgb(240, 224, 241) }
```

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

Here you see how a box with a 4 pixel rgb(240, 224, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 224, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 224, 241);  
box-shadow:4px 4px 4px 4px rgb(240, 224,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 78.1874, 0.3128, 0.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 224, 241) }
```

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

```
.background{ background-color: rgb(240,  
224, 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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