

Converting Colors

$Y_{xy}(79.2737, 0.3110, 0.3117)$

Have a look what the booklet for
Yxy(79.2737, 0.3110, 0.3117)
contains.

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Color

Yxy(79.2145, 0.3108, 0.3117)

Conversions

Conversions Part 1

Format	Color
Hex	EFE2F3
RGB	239, 226, 243
RGB Percent	94%, 89%, 95%
CMY	0.0625, 0.1138, 0.0470
CMYK	0.02, 0.07, 0.00, 0.05
HSL	286°, 42%, 92%
HSV	286°, 7%, 95%
XYZ	78.9858, 79.2145, 95.9367
YIQ	231.8250, 2.2910, 8.0430

Conversions

Conversions Part 2

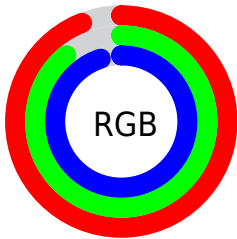
Format	Color
R_{YB}	239, 226, 243
Decimal	15721203
CIE Lab	91.33, 7.45, -6.68
CIE LCh	91, 10.006, 318.097
Yxy	79.2145, 0.3108, 0.3117
Android (android.graphics.Color)	4293911283 (0xFFEFE2F3)
YUV	231.8250, 5.5093, 6.2925
Hunter-Lab	89.0025, 2.6564, -1.6075

Details

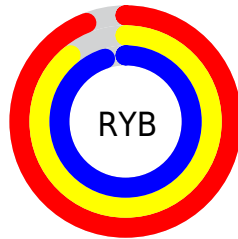
The Yxy color **79.2145, 0.3108, 0.3117** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.4200, 0.3145, 0.3466**, and the grayscale version is **80.5225, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.7810, 0.3101, 0.3081** is the 20% darker color. If you saturate the color by 10%, you get **65.9551, 0.3076, 0.2859**, and if you desaturate by 10%, it is **94.3847, 0.3135, 0.3361**.

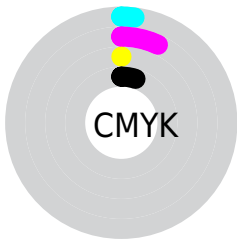
Distribution



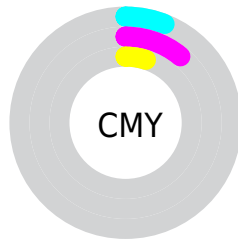
- Red (94%)
- Green (89%)
- Blue (95%)



- Red (94%)
- Yellow (89%)
- Blue (95%)



- Cyan (2%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)





- Cyan (6%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.2145, 0.3108, 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 79.2145, 0.3108, 0.3117 by changing the saturation by 10% instead.

 79.2145, 0.3108,
0.3117

 79.2145, 0.3108,
0.3117

492.2817, 0.3117,
0.3195

 59.0722, 0.3106,
0.3100


132.2608, 0.3111,
0.3144

 42.6712, 0.3103,
0.3078

165.9336, 0.3112,
0.3154

 29.6272, 0.3100,
0.3052


204.8853, 0.3114,
0.3163

 19.5558, 0.3095,
0.3018

249.5003, 0.3114,
0.3171

 12.0726, 0.3089,
0.2973

300.1631, 0.3115,
0.3178

 6.7931, 0.3079,
0.2909

357.2580, 0.3116,

 3.3331, 0.3064,

0.3184

0.2814

421.1694, 0.3117,
0.3190

■ 1.3080, 0.3036,
0.2657

■ 0.1474, 0.2934,
0.1344

■ 79.2145, 0.3108,
0.3117

■ 79.2145, 0.3108,
0.3117

■ 65.9551, 0.3076,
0.2859

■ 94.3847, 0.3135,
0.3361

■ 54.5176, 0.3037,
0.2591

■ 98.3861, 0.3168,
0.3406

■ 44.8212, 0.2992,
0.2323

■ 99.2524, 0.3197,
0.3405

■ 36.7751, 0.2940,
0.2062

■ 30.2799, 0.2883,
0.1820

■ 25.2256, 0.2822,
0.1608

■ 21.4875, 0.2759,
0.1437

■ 18.9193, 0.2696,
0.1312

■ 17.3332, 0.2634,
0.1233

Harmonies

Analogous

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



79.2145, 0.2997, 0.3091



79.2145, 0.3108, 0.3117



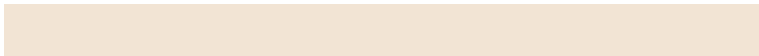
79.2145, 0.3226, 0.3187

Triad

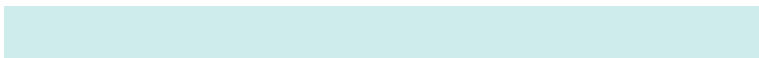
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.2145, 0.3108, 0.3117



79.2145, 0.3335, 0.3462



79.2145, 0.2940, 0.3292

Complementary

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



79.2145, 0.3108, 0.3117



86.4200, 0.3145, 0.3466

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.



79.2145, 0.3028, 0.3397



79.2145, 0.3108, 0.3117



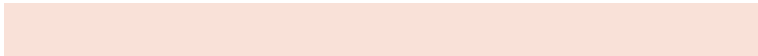
79.2145, 0.3256, 0.3495

Square

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



79.2145, 0.3108, 0.3117



79.2145, 0.3358, 0.3384



79.2145, 0.3143, 0.3472



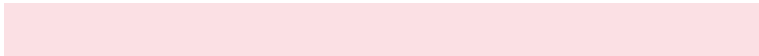
79.2145, 0.2902, 0.3189

Rectangle

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



79.2145, 0.3108, 0.3117



79.2145, 0.3292, 0.3250



79.2145, 0.3143, 0.3472



79.2145, 0.2964, 0.3328

Sweetspot

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



79.2179, 0.3108, 0.3117



96.5644, 0.3122, 0.3241



79.2114, 0.3019, 0.3154



20.7048, 0.3122, 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.



79.2179, 0.3108, 0.3117



86.7775, 0.3105, 0.3091



79.6454, 0.3165, 0.3164



16.5623, 0.3101, 0.3054



9.3714, 0.2625, 0.1220



0.8697, 0.2702, 0.1262

Inverse Universe

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



79.1549, 0.3220, 0.3250



86.7008, 0.3235, 0.3244



86.0236, 0.3092, 0.3420



16.5458, 0.3257, 0.3235



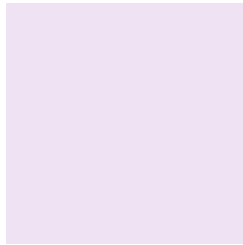
10.6351, 0.5983, 0.3070



0.9500, 0.5638, 0.2880

Previews

White Background



This preview shows how the Yxy color 79.2145, 0.3108, 0.3117 looks on a white background.

Color Contrast Check

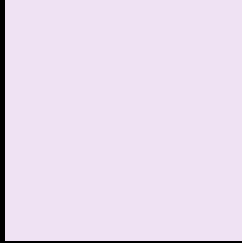
Large Text (above 18pt) WCAG AA × Fail

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 79.2145, 0.3108, 0.3117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

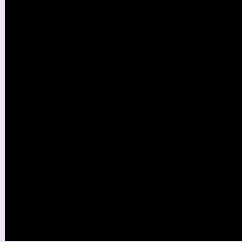
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

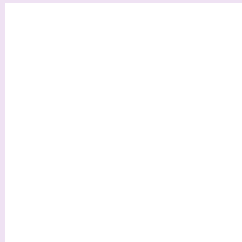
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.2145, 0.3108, 0.3117

Background



This preview shows how black text looks on a background with the Yxy color 79.2145, 0.3108, 0.3117.



This preview shows how white text looks on a background with the Yxy color 79.2145, 0.3108, 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

79.2145, 0.3108, 0.3117

Protanopia

79.4542, 0.3034, 0.3125

Deuteranopia

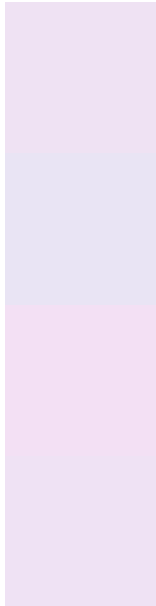
78.8998, 0.3151, 0.3080



Tritanopia

79.2751, 0.3101, 0.3107

Trichromacy



Original Color

79.2145, 0.3108, 0.3117

Protanomaly

79.3421, 0.3060, 0.3126

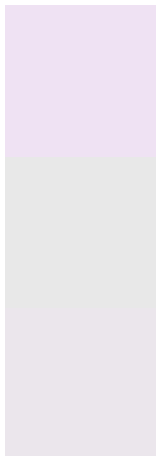
Deuteranomaly

78.8976, 0.3130, 0.3089

Tritanomaly

79.2751, 0.3101, 0.3107

Monochromacy



Original Color

79.2145, 0.3108, 0.3117

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.3119, 0.3123, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2145, 0.3108, 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(239, 226, 243)` looks like.

```
.text, #text, p{  
    color:rgb(239, 226, 243)  
}
```

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(239, 226, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 226, 243) }
```

Border

The CSS property to change the border of an element to Yxy 79.2145, 0.3108, 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(239, 226, 243) }
```

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

```
.border{ border-color:rgb(239, 226, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 226, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 226, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 226, 243);  
box-shadow:4px 4px 4px 4px rgb(239, 226,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2145, 0.3108, 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(239, 226, 243) }
```

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

```
.background{ background-color: rgb(239,  
226, 243) }
```

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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