

Converting Colors

$Y_{xy}(79.2910, 0.3118, 0.3133)$

Have a look what the booklet for
Yxy(79.2910, 0.3118, 0.3133)
contains.

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Color

Yxy(79.1542, 0.3114, 0.3127)

Conversions

Conversions Part 1

Format	Color
Hex	EFE2F2
RGB	239, 226, 242
RGB Percent	94%, 89%, 95%
CMY	0.0627, 0.1137, 0.0509
CMYK	0.01, 0.07, 0.00, 0.05
HSL	289°, 38%, 92%
HSV	289°, 7%, 95%
XYZ	78.8251, 79.1542, 95.1521
YIQ	231.7110, 2.6120, 7.7320

Conversions

Conversions Part 2

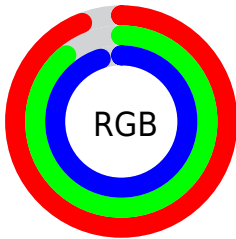
Format	Color
RYB	239, 226, 242
Decimal	15721202
CIELab	91.30, 7.25, -6.21
CIElCh	91, 9.540, 319.422
Yxy	79.1542, 0.3114, 0.3127
Android (android.graphics.Color)	4293911282 (0xFFEFE2F2)
YUV	231.7110, 5.0725, 6.3925
Hunter-Lab	88.9686, 2.4537, -1.1327

Details

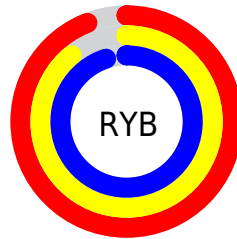
The Yxy color **79.1542, 0.3114, 0.3127** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.6763, 0.3139, 0.3456**, and the grayscale version is **80.4325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.7383, 0.3110, 0.3094** is the 20% darker color. If you saturate the color by 10%, you get **66.1259, 0.3090, 0.2871**, and if you desaturate by 10%, it is **94.0673, 0.3133, 0.3371**.

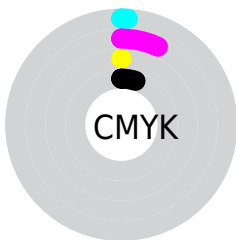
Distribution



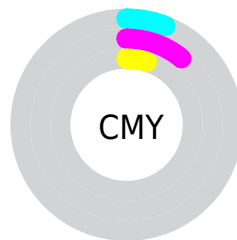
- Red (94%)
- Green (89%)
- Blue (95%)



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



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.1542, 0.3114, 0.3127 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 79.1542, 0.3114, 0.3127 by changing the saturation by 10% instead.


 79.1542, 0.3114,
0.3127

 79.1542, 0.3114,
0.3127


492.0778, 0.3120,
0.3201

 59.0226, 0.3112,
0.3111


132.1759, 0.3116,
0.3152

 42.6313, 0.3111,
0.3091


165.8348, 0.3117,
0.3162

 29.5959, 0.3108,
0.3066


204.7716, 0.3118,
0.3171

 19.5321, 0.3105,
0.3034

249.3707, 0.3119,
0.3178

 12.0554, 0.3100,
0.2991

300.0165, 0.3119,
0.3185

 6.7814, 0.3093,
0.2931

357.0933, 0.3120,

 3.3258, 0.3082,

0.3191

0.2841

420.9857, 0.3120,
0.3196

■ 1.3041, 0.3060,
0.2691

■ 0.1444, 0.2993,
0.1376

■ 79.1542, 0.3114,
0.3127

■ 79.1542, 0.3114,
0.3127

■ 66.1259, 0.3090,
0.2871

■ 94.0673, 0.3133,
0.3371

■ 54.8947, 0.3061,
0.2607

■ 97.9146, 0.3159,
0.3416

■ 45.3808, 0.3027,
0.2343

■ 98.7600, 0.3188,
0.3415

■ 37.4948, 0.2987,
0.2088

■ 99.1927, 0.3203,
0.3415

■ 31.1389, 0.2943,
0.1853

■ 26.2048, 0.2895,
0.1649

■ 22.5697, 0.2845,
0.1486

■ 20.0900, 0.2795,
0.1368

■ 18.5846, 0.2745,
0.1295

Harmonies

Analogous

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



79.1542, 0.3008, 0.3100



79.1542, 0.3114, 0.3127



79.1542, 0.3226, 0.3195

Triad

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



79.1542, 0.3114, 0.3127



79.1542, 0.3323, 0.3457



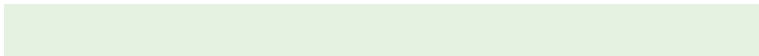
79.1542, 0.2946, 0.3287

Complementary

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



79.1542, 0.3114, 0.3127



85.6763, 0.3139, 0.3456

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.



79.1542, 0.3028, 0.3388



79.1542, 0.3114, 0.3127



79.1542, 0.3246, 0.3486

Square

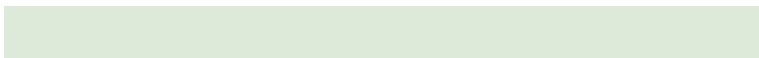
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.1542, 0.3114, 0.3127



79.1542, 0.3348, 0.3384



79.1542, 0.3137, 0.3461



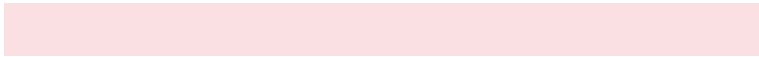
79.1542, 0.2912, 0.3190

Rectangle

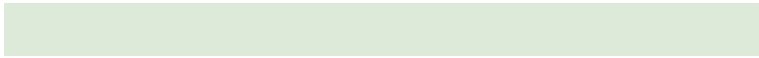
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.1542, 0.3114, 0.3127



79.1542, 0.3288, 0.3256



79.1542, 0.3137, 0.3461



79.1542, 0.2969, 0.3322

Sweetspot

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



79.1576, 0.3114, 0.3127



96.6071, 0.3123, 0.3241



78.7345, 0.3025, 0.3156



20.7134, 0.3124, 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.



79.1576, 0.3114, 0.3127



86.9453, 0.3111, 0.3092



79.4031, 0.3166, 0.3176



15.8719, 0.3108, 0.3055



9.8303, 0.2736, 0.1281



0.8562, 0.2802, 0.1317

Inverse Universe

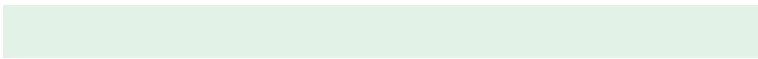
The Inverse Universe completely reimagines the original color for something new.



78.9342, 0.3220, 0.3259



86.6473, 0.3241, 0.3253



85.4508, 0.3091, 0.3407



15.8076, 0.3264, 0.3246



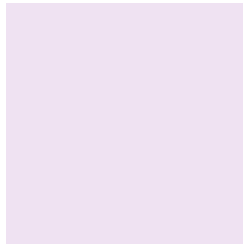
10.2602, 0.6103, 0.3136



0.8668, 0.5757, 0.2945

Previews

White Background



This preview shows how the Yxy color 79.1542, 0.3114, 0.3127 looks on a white background.

Color Contrast Check

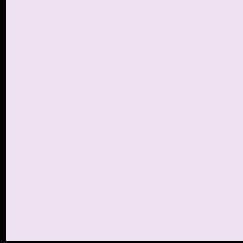
Large Text (above 18pt) WCAG AA × Fail

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 79.1542, 0.3114, 0.3127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

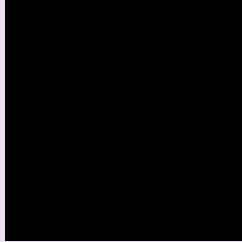
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

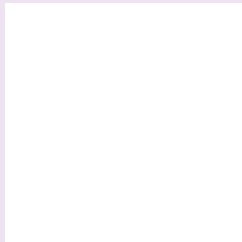
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.1542, 0.3114, 0.3127

Background



This preview shows how black text looks on a background with the Yxy color 79.1542, 0.3114, 0.3127.



This preview shows how white text looks on a background with the Yxy color 79.1542, 0.3114, 0.3127.

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

79.1542, 0.3114, 0.3127

Protanopia

79.3933, 0.3040, 0.3135

Deuteranopia

79.0206, 0.3164, 0.3090



Tritanopia

79.2751, 0.3101, 0.3107

Trichromacy



Original Color

79.1542, 0.3114, 0.3127

Protanomaly

79.2815, 0.3066, 0.3136

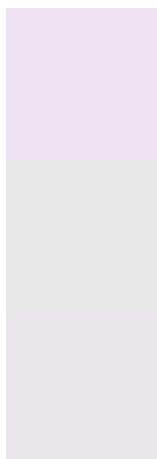
Deuteranomaly

79.0155, 0.3143, 0.3099

Tritanomaly

79.2145, 0.3108, 0.3117

Monochromacy



Original Color

79.1542, 0.3114, 0.3127

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 79.1542, 0.3114, 0.3127 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(239, 226, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 226, 242) }
```

Border

The CSS property to change the border of an element to Yxy 79.1542, 0.3114, 0.3127 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, 242) }
```

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

```
.border{ border-color:rgb(239, 226, 242) }
```

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, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 226, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 226, 242);  
box-shadow:4px 4px 4px 4px rgb(239, 226,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 79.1542, 0.3114, 0.3127 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, 242) }
```

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

```
.background{ background-color: rgb(239,  
226, 242) }
```

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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