

Converting Colors

$Yxy(79.6747, 0.3099, 0.3143)$

Have a look what the booklet for
Yxy(79.6747, 0.3099, 0.3143)
contains.

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Color

Yxy(79.9021, 0.3100, 0.3147)

Conversions

Conversions Part 1

Format	Color
Hex	EDE4F2
RGB	237, 228, 242
RGB Percent	93%, 89%, 95%
CMY	0.0704, 0.1059, 0.0509
CMYK	0.02, 0.06, 0.00, 0.05
HSL	279°, 35%, 92%
HSV	279°, 6%, 95%
XYZ	78.7088, 79.9021, 95.2884
YIQ	232.2870, 0.8700, 6.2620

Conversions

Conversions Part 2

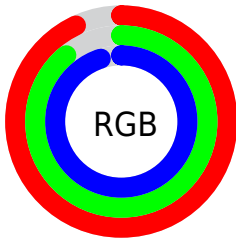
Format	Color
RYB	237, 228, 242
Decimal	15590642
CIELab	91.64, 5.56, -5.72
CIELCh	92, 7.976, 314.219
Yxy	79.9021, 0.3100, 0.3147
Android (android.graphics.Color)	4293780722 (0xFFE4E4F2)
YUV	232.2870, 4.7885, 4.1333
Hunter-Lab	89.3880, 0.7456, -0.6321

Details

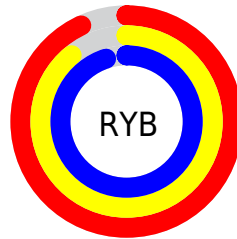
The Yxy color **79.9021, 0.3100, 0.3147** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.4292, 0.3153, 0.3434**, and the grayscale version is **80.8921, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.2561, 0.3091, 0.3120** is the 20% darker color. If you saturate the color by 10%, you get **66.0696, 0.3046, 0.2887**, and if you desaturate by 10%, it is **95.6757, 0.3145, 0.3390**.

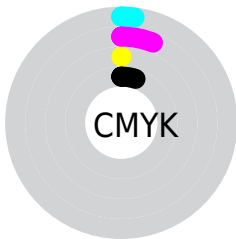
Distribution



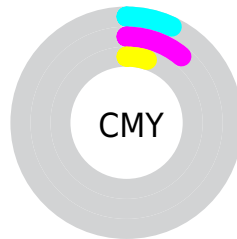
- Red (93%)
- Green (89%)
- Blue (95%)



- Red (93%)
- Yellow (89%)
- Blue (95%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)





- Cyan (7%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.9021, 0.3100, 0.3147 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 79.9021, 0.3100, 0.3147 by changing the saturation by 10% instead.

 79.9021, 0.3100,
0.3147

 79.9021, 0.3100,
0.3147


494.6028, 0.3113,
0.3212

 59.6378, 0.3097,
0.3133


133.2281, 0.3104,
0.3169

 43.1268, 0.3094,
0.3115


167.0585, 0.3106,
0.3178

 29.9846, 0.3089,
0.3093


206.1799, 0.3108,
0.3185

 19.8269, 0.3083,
0.3065

250.9764, 0.3109,
0.3192

 12.2693, 0.3075,
0.3027

301.8326, 0.3110,
0.3198

 6.9273, 0.3063,
0.2974

359.1328, 0.3111,

 3.4167, 0.3044,

0.3203

0.2895

423.2614, 0.3112,
0.3207

■ 1.3530, 0.3011,
0.2763

■ 0.1817, 0.2836,
0.1670

■ 79.9021, 0.3100,
0.3147

■ 79.9021, 0.3100,
0.3147

■ 66.0696, 0.3046,
0.2887

■ 95.6757, 0.3145,
0.3390

■ 54.0899, 0.2983,
0.2612

■ 99.0370, 0.3197,
0.3415

■ 43.8832, 0.2910,
0.2331

■ 99.1916, 0.3203,
0.3415

■ 35.3596, 0.2828,
0.2051

■ 28.4212, 0.2738,
0.1785

■ 22.9598, 0.2643,
0.1545

■ 18.8532, 0.2545,
0.1343

■ 15.9589, 0.2449,
0.1189

■ 14.1008, 0.2359,
0.1086

Harmonies

Analogous

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



79.9021, 0.3014, 0.3132



79.9021, 0.3100, 0.3147



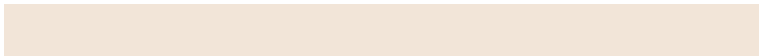
79.9021, 0.3194, 0.3199

Triad

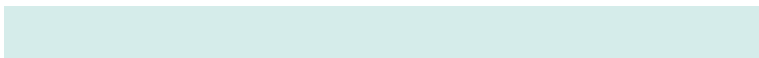
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.9021, 0.3100, 0.3147



79.9021, 0.3297, 0.3421



79.9021, 0.2985, 0.3303

Complementary

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



79.9021, 0.3100, 0.3147



86.4292, 0.3153, 0.3434

Split Complementary

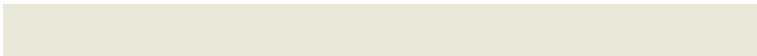
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.9021, 0.3059, 0.3384



79.9021, 0.3100, 0.3147



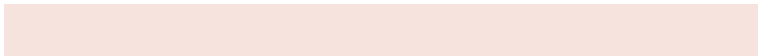
79.9021, 0.3240, 0.3452

Square

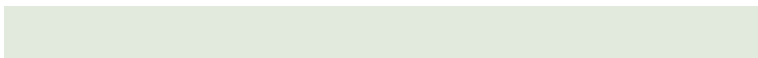
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.9021, 0.3100, 0.3147



79.9021, 0.3309, 0.3356



79.9021, 0.3152, 0.3439



79.9021, 0.2949, 0.3220

Rectangle

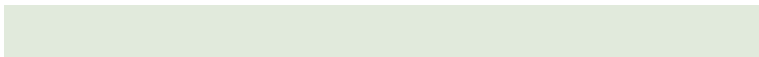
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.9021, 0.3100, 0.3147



79.9021, 0.3249, 0.3248



79.9021, 0.3152, 0.3439



79.9021, 0.3006, 0.3332

Sweetspot

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



79.9055, 0.3100, 0.3147



96.4483, 0.3118, 0.3241



81.2562, 0.3038, 0.3198



20.6811, 0.3119, 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.



79.9055, 0.3100, 0.3147



87.9565, 0.3094, 0.3116



80.6604, 0.3146, 0.3167



16.3052, 0.3091, 0.3102



7.3383, 0.2336, 0.1061



0.6659, 0.2451, 0.1124

Inverse Universe

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



80.2411, 0.3192, 0.3240



88.4147, 0.3207, 0.3229



85.7100, 0.3109, 0.3416



16.3979, 0.3214, 0.3224



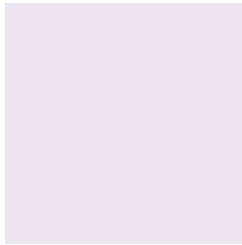
10.5226, 0.5561, 0.2837



0.8936, 0.5196, 0.2636

Previews

White Background



This preview shows how the Yxy color 79.9021, 0.3100, 0.3147 looks on a white background.

Color Contrast Check

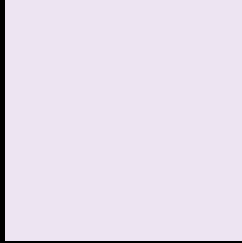
Large Text (above 18pt) WCAG AA × Fail

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 79.9021, 0.3100, 0.3147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

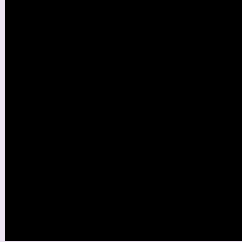
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

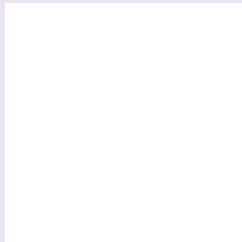
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.9021, 0.3100, 0.3147

Background



This preview shows how black text looks on a background with the Yxy color 79.9021, 0.3100, 0.3147.

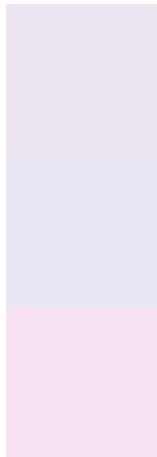


This preview shows how white text looks on a background with the Yxy color 79.9021, 0.3100, 0.3147.

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

79.9021, 0.3100, 0.3147

Protanopia

80.2205, 0.3059, 0.3156

Deuteranopia

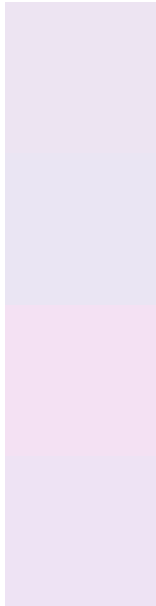
79.7388, 0.3171, 0.3101



Tritanopia

79.7079, 0.3088, 0.3107

Trichromacy



Original Color

79.9021, 0.3100, 0.3147

Protanomaly

80.0021, 0.3073, 0.3147

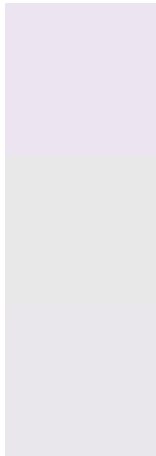
Deuteranomaly

79.5546, 0.3143, 0.3109

Tritanomaly

79.6470, 0.3094, 0.3117

Monochromacy



Original Color

79.9021, 0.3100, 0.3147

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.7004, 0.3116, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.9021, 0.3100, 0.3147 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, 228, 242)` looks like.

```
.text, #text, p{  
    color:rgb(237, 228, 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(237, 228, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 228, 242) }
```

Border

The CSS property to change the border of an element to Yxy 79.9021, 0.3100, 0.3147 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, 228, 242) }
```

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

```
.border{ border-color:rgb(237, 228, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 228, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 228, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 228, 242);  
box-shadow:4px 4px 4px 4px rgb(237, 228,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 79.9021, 0.3100, 0.3147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 228, 242) }
```

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

```
.background{ background-color: rgb(237,  
228, 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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