

Converting Colors

Yxy(78.4833, 0.3121, 0.3152)

Have a look what the booklet for
Yxy(78.4833, 0.3121, 0.3152)
contains.

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Color

Yxy(78.6292, 0.3120, 0.3157)

Conversions

Conversions Part 1

Format	Color
Hex	EDE2EF
RGB	237, 226, 239
RGB Percent	93%, 89%, 94%
CMY	0.0704, 0.1137, 0.0628
CMYK	0.01, 0.05, 0.00, 0.06
HSL	291°, 29%, 91%
HSV	291°, 5%, 94%
XYZ	77.7077, 78.6292, 92.7262
YIQ	230.7710, 2.3830, 6.3750

Conversions

Conversions Part 2

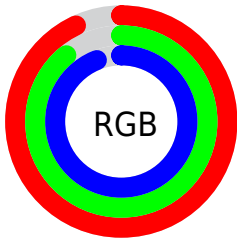
Format	Color
R _Y B	237, 226, 239
Decimal	15590127
CIE Lab	91.07, 6.04, -4.98
CIE LCh	91, 7.826, 320.515
Yxy	78.6292, 0.3120, 0.3157
Android (android.graphics.Color)	4293780207 (0xFFE2E2EF)
YUV	230.7710, 4.0569, 5.4628
Hunter-Lab	88.6731, 1.2485, 0.0712

Details

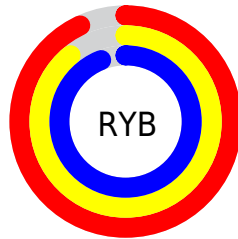
The Yxy color **78.6292, 0.3120, 0.3157** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.6963, 0.3134, 0.3426**, and the grayscale version is **79.7045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.3685, 0.3117, 0.3132** is the 20% darker color. If you saturate the color by 10%, you get **65.9194, 0.3104, 0.2903**, and if you desaturate by 10%, it is **93.1694, 0.3132, 0.3399**.

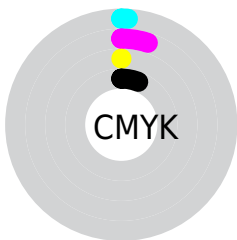
Distribution



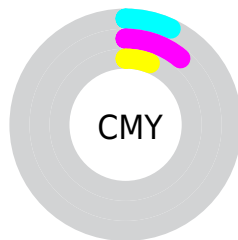
- Red (93%)
- Green (89%)
- Blue (94%)



- Red (93%)
- Yellow (89%)
- Blue (94%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)




- Cyan (7%)
- Magenta (11%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.6292, 0.3120, 0.3157 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 78.6292, 0.3120, 0.3157 by changing the saturation by 10% instead.


 78.6292, 0.3120,
0.3157

 78.6292, 0.3120,
0.3157


490.3010, 0.3124,
0.3217

 58.5910, 0.3119,
0.3144


131.4367, 0.3121,
0.3178

 42.2840, 0.3118,
0.3127

164.9748, 0.3122,
0.3186

 29.3237, 0.3117,
0.3106


203.7817, 0.3122,
0.3193

 19.3258, 0.3115,
0.3080


248.2417, 0.3123,
0.3199

 11.9060, 0.3112,
0.3044

298.7392, 0.3123,
0.3204

 6.6797, 0.3108,
0.2994

355.6587, 0.3123,

 3.2626, 0.3101,

0.3209

0.2919

419.3845, 0.3123,
0.3213

■ 1.2703, 0.3088,
0.2792

■ 0.1180, 0.3040,
0.1382

■ 78.6292, 0.3120,
0.3157

■ 78.6292, 0.3120,
0.3157

■ 65.9194, 0.3104,
0.2903

■ 93.1694, 0.3132,
0.3399

■ 54.9553, 0.3084,
0.2643

■ 97.0179, 0.3152,
0.3447

■ 45.6606, 0.3060,
0.2382

■ 97.6646, 0.3175,
0.3446

■ 37.9492, 0.3031,
0.2132

■ 98.3238, 0.3197,
0.3445

■ 31.7277, 0.2998,
0.1901

■ 98.9956, 0.3220,
0.3444

■ 26.8924, 0.2962,
0.1701

■ 99.0108, 0.3220,
0.3444

■ 23.3264, 0.2924,
0.1541

■ 20.8935, 0.2885,
0.1425

■ 19.4259, 0.2845,
0.1354

Harmonies

Analogous

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



78.6292, 0.3032, 0.3134



78.6292, 0.3120, 0.3157



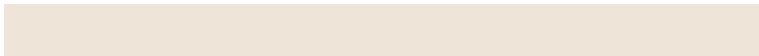
78.6292, 0.3211, 0.3215

Triad

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



78.6292, 0.3120, 0.3157



78.6292, 0.3287, 0.3429



78.6292, 0.2976, 0.3285

Complementary

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



78.6292, 0.3120, 0.3157



83.6963, 0.3134, 0.3426

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.



78.6292, 0.3043, 0.3367



78.6292, 0.3120, 0.3157



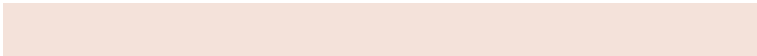
78.6292, 0.3222, 0.3451

Square

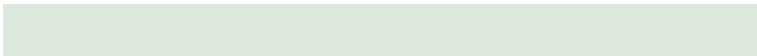
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.6292, 0.3120, 0.3157



78.6292, 0.3308, 0.3370



78.6292, 0.3132, 0.3428



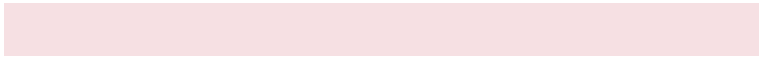
78.6292, 0.2950, 0.3206

Rectangle

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



78.6292, 0.3120, 0.3157



78.6292, 0.3261, 0.3265



78.6292, 0.3132, 0.3428



78.6292, 0.2994, 0.3313

Sweetspot

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



78.6326, 0.3120, 0.3157



96.6446, 0.3125, 0.3241



77.8551, 0.3044, 0.3174



20.7211, 0.3125, 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.



78.6326, 0.3120, 0.3157



88.6321, 0.3118, 0.3117



78.7037, 0.3163, 0.3204



16.4416, 0.3117, 0.3103



10.5242, 0.2834, 0.1335



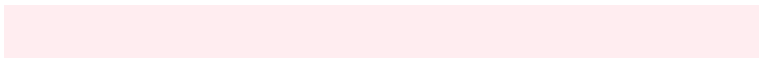
0.9077, 0.2886, 0.1364

Inverse Universe

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



78.3362, 0.3205, 0.3270



88.1959, 0.3230, 0.3264



83.6332, 0.3093, 0.3378



16.3539, 0.3239, 0.3262



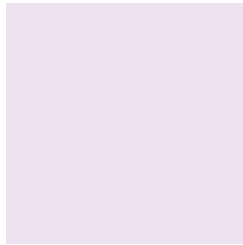
10.2224, 0.6194, 0.3186



0.8620, 0.5876, 0.3011

Previews

White Background



This preview shows how the Yxy color 78.6292, 0.3120, 0.3157 looks on a white background.

Color Contrast Check

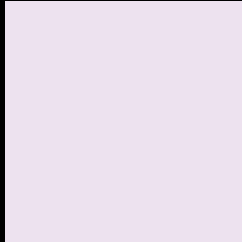
Large Text (above 18pt) WCAG AA × Fail

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 78.6292, 0.3120, 0.3157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

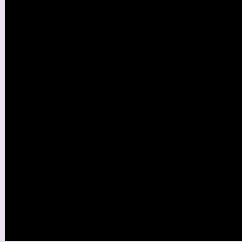
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

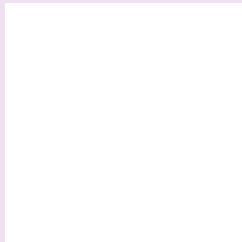
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.6292, 0.3120, 0.3157

Background



This preview shows how black text looks on a background with the Yxy color 78.6292, 0.3120, 0.3157.

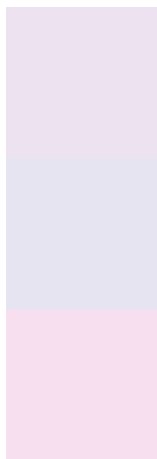


This preview shows how white text looks on a background with the Yxy color 78.6292, 0.3120, 0.3157.

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

78.6292, 0.3120, 0.3157

Protanopia

78.6011, 0.3065, 0.3166

Deuteranopia

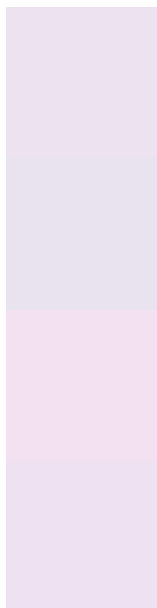
78.8408, 0.3184, 0.3120



Tritanopia

78.4986, 0.3101, 0.3107

Trichromacy



Original Color

78.6292, 0.3120, 0.3157

Protanomaly

78.5531, 0.3086, 0.3156

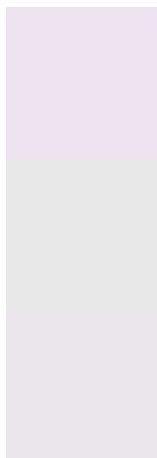
Deuteranomaly

78.6573, 0.3156, 0.3128

Tritanomaly

78.4384, 0.3108, 0.3117

Monochromacy



Original Color

78.6292, 0.3120, 0.3157

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.3028, 0.3123, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.6292, 0.3120, 0.3157 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, 226, 239)` looks like.

```
.text, #text, p{  
    color:rgb(237, 226, 239)  
}
```

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, 226, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 226, 239) }
```

Border

The CSS property to change the border of an element to Yxy 78.6292, 0.3120, 0.3157 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, 226, 239) }
```

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

```
.border{ border-color:rgb(237, 226, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 226, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 226, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 226, 239);  
box-shadow:4px 4px 4px 4px rgb(237, 226,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 78.6292, 0.3120, 0.3157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 226, 239) }
```

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

```
.background{ background-color: rgb(237,  
226, 239) }
```

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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