

Converting Colors

$Yxy(78.9977, 0.3162, 0.3159)$

Have a look what the booklet for
Yxy(78.9977, 0.3162, 0.3159)
contains.

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Color

Yxy(78.9007, 0.3161, 0.3158)

Conversions

Conversions Part 1

Format	Color
Hex	F2E1EE
RGB	242, 225, 238
RGB Percent	95%, 88%, 93%
CMY	0.0510, 0.1176, 0.0666
CMYK	0.00, 0.07, 0.02, 0.05
HSL	314°, 40%, 92%
HSV	314°, 7%, 95%
XYZ	78.9757, 78.9007, 91.9675
YIQ	231.5650, 5.9590, 7.6470

Conversions

Conversions Part 2

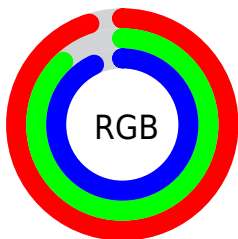
Format	Color
R _Y B	242, 225, 238
Decimal	15917550
CIE Lab	91.19, 8.04, -4.25
CIE LCh	91, 9.091, 332.159
Yxy	78.9007, 0.3161, 0.3158
Android (android.graphics.Color)	4294107630 (0xFF2E1EE)
YUV	231.5650, 3.1725, 9.1515
Hunter-Lab	88.8261, 3.2595, 0.7914

Details

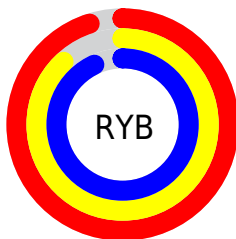
The Yxy color **78.9007, 0.3161, 0.3158** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.1655, 0.3095, 0.3426**, and the grayscale version is **80.3288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.5660, 0.3171, 0.3134** is the 20% darker color. If you saturate the color by 10%, you get **66.4057, 0.3216, 0.2963**, and if you desaturate by 10%, it is **93.2672, 0.3114, 0.3345**.

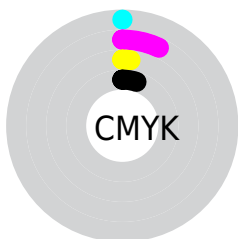
Distribution



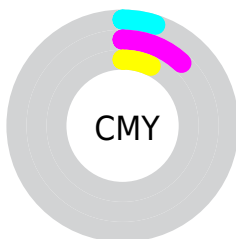
- Red (95%)
- Green (88%)
- Blue (93%)



- Red (95%)
- Yellow (88%)
- Blue (93%)



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



- Cyan (5%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.9007, 0.3161, 0.3158 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 78.9007, 0.3161, 0.3158 by changing the saturation by 10% instead.


 78.9007, 0.3161,
0.3158

 78.9007, 0.3161,
0.3158

491.2204, 0.3146,
0.3218

 58.8142, 0.3164,
0.3145


131.8191, 0.3156,
0.3178

 42.4635, 0.3168,
0.3128

165.4197, 0.3154,
0.3186

 29.4644, 0.3173,
0.3108


204.2938, 0.3152,
0.3193

 19.4324, 0.3180,
0.3082

248.8258, 0.3151,
0.3199

 11.9832, 0.3189,
0.3047

299.4000, 0.3149,
0.3205

 6.7322, 0.3200,
0.2998

356.4009, 0.3148,

 3.2952, 0.3218,

0.3210

0.2924

420.2129, 0.3147,
0.3214

■ 1.2877, 0.3247,
0.2800

■ 0.1317, 0.3598,
0.1474

■ 78.9007, 0.3161,
0.3158

■ 78.9007, 0.3161,
0.3158

■ 66.4057, 0.3216,
0.2963

■ 93.2672, 0.3114,
0.3345

■ 55.6944, 0.3280,
0.2764

■ 97.2575, 0.3079,
0.3345

■ 46.6869, 0.3352,
0.2567

■ 97.6162, 0.3047,
0.3290

■ 39.2936, 0.3433,
0.2380

■ 33.4163, 0.3521,
0.2213

■ 28.9464, 0.3614,
0.2077

■ 25.7606, 0.3709,
0.1980

■ 23.7142, 0.3803,
0.1931

■ 22.6217, 0.3894,
0.1929

Harmonies

Analogous

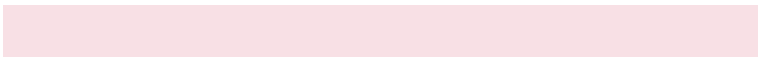
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.9007, 0.3054, 0.3114



78.9007, 0.3161, 0.3158



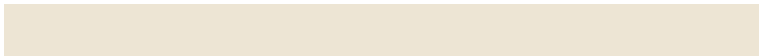
78.9007, 0.3261, 0.3236

Triad

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



78.9007, 0.3161, 0.3158



78.9007, 0.3288, 0.3467



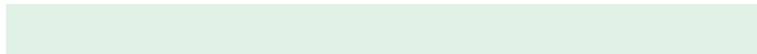
78.9007, 0.2934, 0.3246

Complementary

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



78.9007, 0.3161, 0.3158



85.1655, 0.3095, 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.



78.9007, 0.2995, 0.3344



78.9007, 0.3161, 0.3158



78.9007, 0.3198, 0.3473

Square

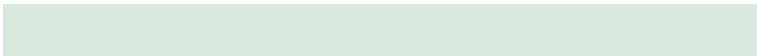
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.9007, 0.3161, 0.3158



78.9007, 0.3334, 0.3413



78.9007, 0.3091, 0.3428



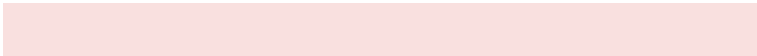
78.9007, 0.2924, 0.3163

Rectangle

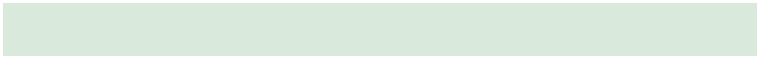
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.9007, 0.3161, 0.3158



78.9007, 0.3309, 0.3297



78.9007, 0.3091, 0.3428



78.9007, 0.2949, 0.3279

Sweetspot

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



78.9041, 0.3161, 0.3158



96.7124, 0.3136, 0.3253



76.9175, 0.3046, 0.3113



20.7349, 0.3136, 0.3255



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.



78.9041, 0.3161, 0.3158



87.3640, 0.3166, 0.3139



78.4172, 0.3217, 0.3244



15.9644, 0.3174, 0.3111



12.0526, 0.3906, 0.1926



1.0178, 0.3795, 0.1864

Inverse Universe

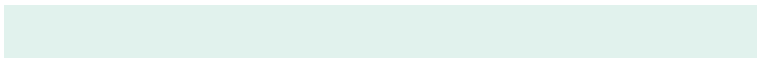
The Inverse Universe completely reimagines the original color for something new.



78.9041, 0.3161, 0.3158



87.3640, 0.3166, 0.3139



85.6509, 0.3045, 0.3337



15.9644, 0.3174, 0.3111



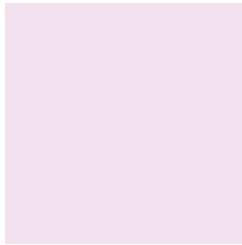
12.0526, 0.3906, 0.1926



1.0178, 0.3795, 0.1864

Previews

White Background



This preview shows how the Yxy color 78.9007, 0.3161, 0.3158 looks on a white background.

Color Contrast Check

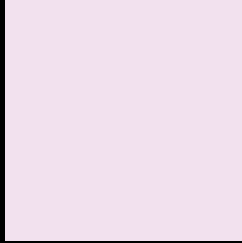
Large Text (above 18pt) WCAG AA × Fail

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 78.9007, 0.3161, 0.3158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

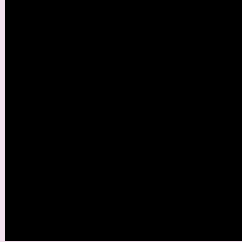
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

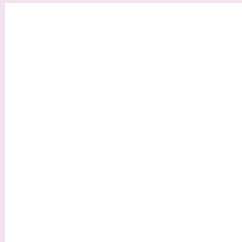
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.9007, 0.3161, 0.3158

Background



This preview shows how black text looks on a background with the Yxy color 78.9007, 0.3161, 0.3158.

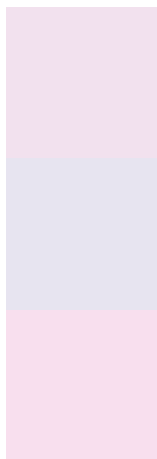


This preview shows how white text looks on a background with the Yxy color 78.9007, 0.3161, 0.3158.

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

78.9007, 0.3161, 0.3158

Protanopia

78.7670, 0.3072, 0.3166

Deuteranopia

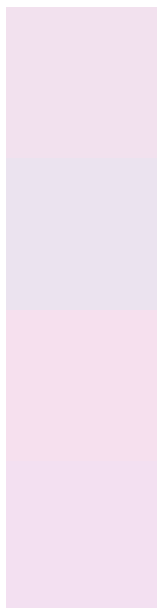
78.9049, 0.3204, 0.3140



Tritanopia

78.7768, 0.3143, 0.3108

Trichromacy



Original Color

78.9007, 0.3161, 0.3158

Protanomaly

78.8323, 0.3106, 0.3167

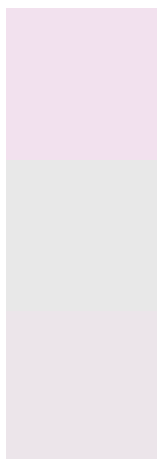
Deuteranomaly

79.0772, 0.3190, 0.3149

Tritanomaly

78.7169, 0.3149, 0.3118

Monochromacy



Original Color

78.9007, 0.3161, 0.3158

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

79.8120, 0.3143, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.9007, 0.3161, 0.3158 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(242, 225, 238)` looks like.

```
.text, #text, p{  
    color:rgb(242, 225, 238)  
}
```

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(242, 225, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 225, 238) }
```

Border

The CSS property to change the border of an element to Yxy 78.9007, 0.3161, 0.3158 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(242, 225, 238) }
```

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

```
.border{ border-color:rgb(242, 225, 238) }
```

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

Here you see how a box with a 4 pixel rgb(242, 225, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 225, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 225, 238);  
box-shadow:4px 4px 4px 4px rgb(242, 225,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 78.9007, 0.3161, 0.3158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 225, 238) }
```

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

```
.background{ background-color: rgb(242,  
225, 238) }
```

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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