

Converting Colors

$Y_{xy}(78.1251, 0.3206, 0.3136)$

Have a look what the booklet for
Yxy(78.1251, 0.3206, 0.3136)
contains.

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Color

Yxy(78.1311, 0.3205, 0.3139)

Conversions

Conversions Part 1

Format	Color
Hex	F7DEED
RGB	247, 222, 237
RGB Percent	97%, 87%, 93%
CMY	0.0312, 0.1294, 0.0706
CMYK	0.00, 0.10, 0.04, 0.03
HSL	324°, 61%, 92%
HSV	324°, 10%, 97%
XYZ	79.7739, 78.1311, 90.9995
YIQ	231.1850, 10.0850, 9.9650

Conversions

Conversions Part 2

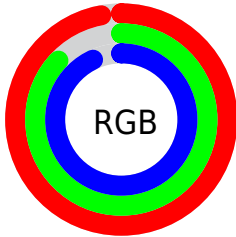
Format	Color
R _Y B	247, 222, 237
Decimal	16244461
CIE Lab	90.84, 11.12, -4.18
CIE LCh	91, 11.885, 339.393
Yxy	78.1311, 0.3205, 0.3139
Android (android.graphics.Color)	4294434541 (0xFFFF7DEED)
YUV	231.1850, 2.8668, 13.8698
Hunter-Lab	88.3918, 6.4112, 0.8351

Details

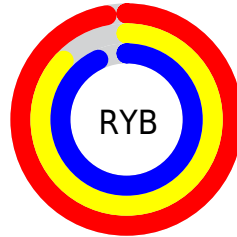
The Yxy color **78.1311, 0.3205, 0.3139** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.8982, 0.3056, 0.3446**, and the grayscale version is **80.0334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.0500, 0.3228, 0.3110** is the 20% darker color. If you saturate the color by 10%, you get **65.3972, 0.3297, 0.2983**, and if you desaturate by 10%, it is **92.8262, 0.3128, 0.3288**.

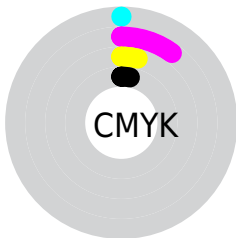
Distribution



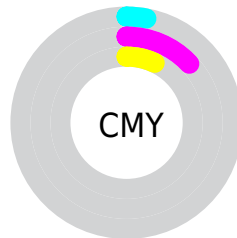
- Red (97%)
- Green (87%)
- Blue (93%)



- Red (97%)
- Yellow (87%)
- Blue (93%)



- Cyan (0%)
- Magenta (10%)
- Yellow (4%)
- Black (3%)





- Cyan (3%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.1311, 0.3205, 0.3139 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 78.1311, 0.3205, 0.3139 by changing the saturation by 10% instead.

 78.1311, 0.3205,
0.3139

 78.1311, 0.3205,
0.3139

488.6119, 0.3170,
0.3207

 58.1817, 0.3213,
0.3124


130.7349, 0.3193,
0.3162

 41.9547, 0.3222,
0.3105

164.1581, 0.3188,
0.3172

 29.0658, 0.3234,
0.3082

202.8413, 0.3184,
0.3179

 19.1306, 0.3250,
0.3052

247.1690, 0.3181,
0.3186

 11.7647, 0.3271,
0.3012

297.5255, 0.3177,
0.3193

 6.5837, 0.3300,
0.2956

354.2952, 0.3175,

 3.2031, 0.3344,

0.3198

0.2871

417.8626, 0.3172,
0.3203

■ 1.2387, 0.3417,
0.2730

■ 0.0930, 0.4252,
0.1098

■ 78.1311, 0.3205,
0.3139

■ 78.1311, 0.3205,
0.3139

■ 65.3972, 0.3297,
0.2983

■ 92.8262, 0.3128,
0.3288

■ 54.5305, 0.3406,
0.2823

■ 98.5202, 0.3078,
0.3290

■ 45.4445, 0.3533,
0.2665

■ 38.0419, 0.3679,
0.2517

■ 32.2160, 0.3843,
0.2389

■ 27.8476, 0.4021,
0.2294

■ 24.8004, 0.4207,
0.2243

■ 22.9122, 0.4393,
0.2244

■ 21.9212, 0.4572,
0.2292

Harmonies

Analogous

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



78.1311, 0.3063, 0.3069



78.1311, 0.3205, 0.3139



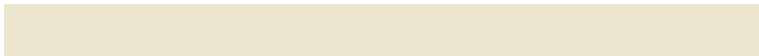
78.1311, 0.3328, 0.3247

Triad

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



78.1311, 0.3205, 0.3139



78.1311, 0.3314, 0.3531



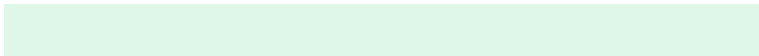
78.1311, 0.2865, 0.3202

Complementary

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



78.1311, 0.3205, 0.3139



87.8982, 0.3056, 0.3446

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.



78.1311, 0.2929, 0.3330



78.1311, 0.3205, 0.3139



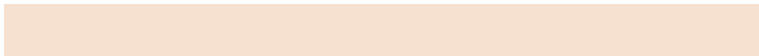
78.1311, 0.3187, 0.3523

Square

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



78.1311, 0.3205, 0.3139



78.1311, 0.3391, 0.3472



78.1311, 0.3046, 0.3449



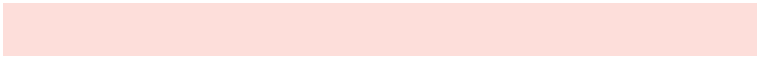
78.1311, 0.2869, 0.3103

Rectangle

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



78.1311, 0.3205, 0.3139



78.1311, 0.3382, 0.3328



78.1311, 0.3046, 0.3449



78.1311, 0.2879, 0.3243

Sweetspot

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



78.1345, 0.3205, 0.3139



95.0200, 0.3149, 0.3246



76.1145, 0.3036, 0.3032



20.0604, 0.3155, 0.3234



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.



78.1345, 0.3205, 0.3139



81.2422, 0.3221, 0.3110



77.4287, 0.3290, 0.3265



16.6493, 0.3200, 0.3149



11.6187, 0.4543, 0.2276



1.0414, 0.4330, 0.2159

Inverse Universe

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



78.1345, 0.3205, 0.3139



81.2422, 0.3221, 0.3110



88.6346, 0.2985, 0.3315



16.6493, 0.3200, 0.3149



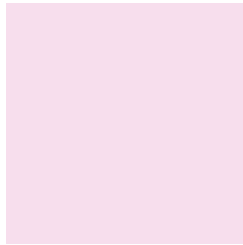
11.6187, 0.4543, 0.2276



1.0414, 0.4330, 0.2159

Previews

White Background



This preview shows how the Yxy color 78.1311, 0.3205, 0.3139 looks on a white background.

Color Contrast Check

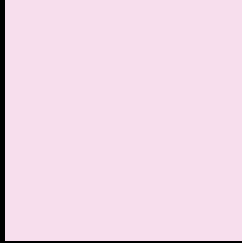
Large Text (above 18pt) WCAG AA × Fail

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 78.1311, 0.3205, 0.3139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

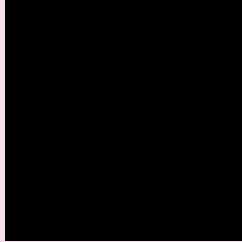
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.1311, 0.3205, 0.3139

Background



This preview shows how black text looks on a background with the Yxy color 78.1311, 0.3205, 0.3139.

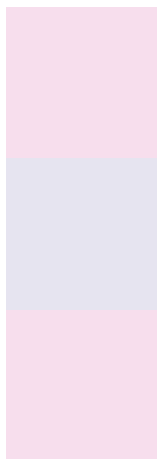


This preview shows how white text looks on a background with the Yxy color 78.1311, 0.3205, 0.3139.

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

78.1311, 0.3205, 0.3139

Protanopia

78.6011, 0.3065, 0.3166

Deuteranopia

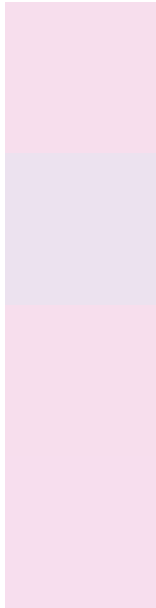
78.1311, 0.3205, 0.3139



Tritanopia

78.2487, 0.3191, 0.3119

Trichromacy



Original Color

78.1311, 0.3205, 0.3139

Protanomaly

78.4576, 0.3113, 0.3157

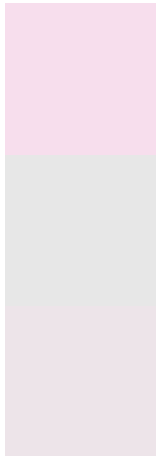
Deuteranomaly

78.1311, 0.3205, 0.3139

Tritanomaly

78.1898, 0.3198, 0.3129

Monochromacy



Original Color

78.1311, 0.3205, 0.3139

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.3745, 0.3157, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.1311, 0.3205, 0.3139 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(247, 222, 237)` looks like.

```
.text, #text, p{  
    color:rgb(247, 222, 237)  
}
```

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(247, 222, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 222, 237) }
```

Border

The CSS property to change the border of an element to Yxy 78.1311, 0.3205, 0.3139 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(247, 222, 237) }
```

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

```
.border{ border-color:rgb(247, 222, 237) }
```

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

Here you see how a box with a 4 pixel rgb(247, 222, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 222, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 222, 237);  
box-shadow:4px 4px 4px 4px rgb(247, 222,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 78.1311, 0.3205, 0.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 222, 237) }
```

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

```
.background{ background-color: rgb(247,  
222, 237) }
```

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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