

Converting Colors

$Y_{xy}(78.8785, 0.3226, 0.3132)$

Have a look what the booklet for
Yxy(78.8785, 0.3226, 0.3132)
contains.

Yxy(78.9248, 0.3226, 0.3131)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(78.9248, 0.3226, 0.3131)

Conversions

Conversions Part 1

Format	Color
Hex	FBDEEE
RGB	251, 222, 238
RGB Percent	98%, 87%, 93%
CMY	0.0159, 0.1293, 0.0667
CMYK	0.00, 0.12, 0.05, 0.02
HSL	327°, 78%, 93%
HSV	327°, 12%, 98%
XYZ	81.3195, 78.9248, 91.8311
YIQ	232.4950, 12.1480, 11.1240

Conversions

Conversions Part 2

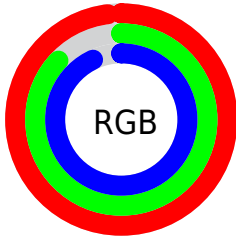
Format	Color
R _Y B	251, 222, 238
Decimal	16506606
CIE Lab	91.20, 12.60, -4.13
CIE LCh	91, 13.257, 341.834
Yxy	78.9248, 0.3226, 0.3131
Android (android.graphics.Color)	4294696686 (0xFFFBDEEE)
YUV	232.4950, 2.7140, 16.2289
Hunter-Lab	88.8396, 7.9209, 0.9013

Details

The Yxy color **78.9248, 0.3226, 0.3131** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.4859, 0.3039, 0.3455**, and the grayscale version is **81.0560, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.4842, 0.3246, 0.3099** is the 20% darker color. If you saturate the color by 10%, you get **65.9334, 0.3330, 0.2986**, and if you desaturate by 10%, it is **93.9481, 0.3139, 0.3270**.

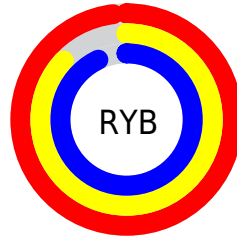
Distribution



Red (98%)

Green (87%)

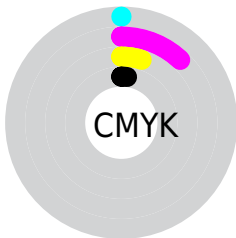
Blue (93%)



Red (98%)

Yellow (87%)

Blue (93%)

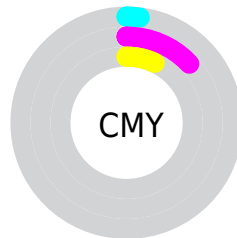


Cyan (0%)

Magenta (12%)

Yellow (5%)

Black (2%)



Cyan (2%)


Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.9248, 0.3226, 0.3131 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 78.9248, 0.3226, 0.3131 by changing the saturation by 10% instead.

 78.9248, 0.3226,
0.3131

 78.9248, 0.3226,
0.3131


491.3019, 0.3181,
0.3203

 58.8340, 0.3236,
0.3115

131.8530, 0.3211,
0.3156

 42.4795, 0.3248,
0.3096


165.4592, 0.3205,
0.3165

 29.4769, 0.3263,
0.3071


204.3392, 0.3200,
0.3173

 19.4419, 0.3283,
0.3040

248.8776, 0.3195,
0.3181

 11.9900, 0.3309,
0.2998

299.4586, 0.3191,
0.3187

 6.7369, 0.3346,
0.2940

356.4668, 0.3187,

 3.2981, 0.3402,

0.3193

0.2852

420.2864, 0.3184,
0.3198

■ 1.2893, 0.3495,
0.2707

■ 0.1329, 0.4337,
0.1328

■ 78.9248, 0.3226,
0.3131

■ 78.9248, 0.3226,
0.3131

■ 65.9334, 0.3330,
0.2986

■ 93.9481, 0.3139,
0.3270

■ 54.8756, 0.3455,
0.2837

■ 99.2376, 0.3102,
0.3290

■ 45.6601, 0.3601,
0.2691

■ 38.1844, 0.3770,
0.2556

■ 32.3358, 0.3959,
0.2442

■ 27.9880, 0.4166,
0.2363

■ 24.9960, 0.4382,
0.2329

■ 23.1858, 0.4598,
0.2349

■ 22.3495, 0.4774,
0.2404

Harmonies

Analogous

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



78.9248, 0.3068, 0.3050



78.9248, 0.3226, 0.3131



78.9248, 0.3360, 0.3253

Triad

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



78.9248, 0.3226, 0.3131



78.9248, 0.3324, 0.3560



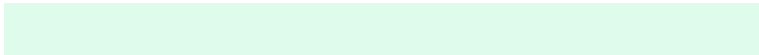
78.9248, 0.2834, 0.3181

Complementary

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



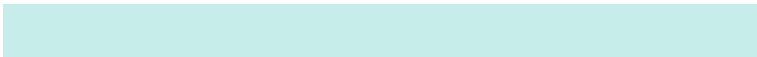
78.9248, 0.3226, 0.3131



90.4859, 0.3039, 0.3455

Split Complementary

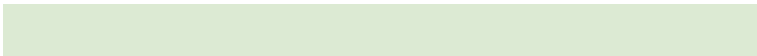
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.9248, 0.2899, 0.3322



78.9248, 0.3226, 0.3131



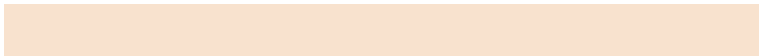
78.9248, 0.3180, 0.3546

Square

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



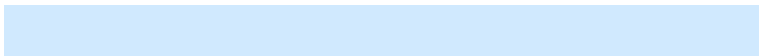
78.9248, 0.3226, 0.3131



78.9248, 0.3417, 0.3500



78.9248, 0.3025, 0.3458



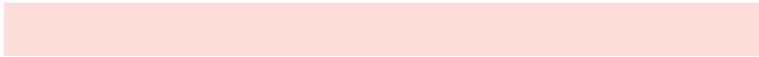
78.9248, 0.2845, 0.3075

Rectangle

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



78.9248, 0.3226, 0.3131



78.9248, 0.3415, 0.3343



78.9248, 0.3025, 0.3458



78.9248, 0.2847, 0.3226

Sweetspot

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



78.9283, 0.3226, 0.3131



94.9971, 0.3151, 0.3250



76.8057, 0.3028, 0.2996



20.0542, 0.3157, 0.3239



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

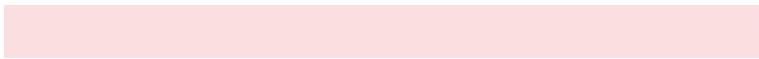
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.9283, 0.3226, 0.3131



78.3126, 0.3250, 0.3095



78.1350, 0.3322, 0.3271



17.3857, 0.3207, 0.3160



11.7843, 0.4741, 0.2386



1.1128, 0.4507, 0.2257

Inverse Universe

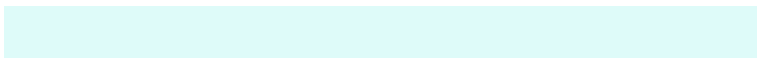
The Inverse Universe completely reimagines the original color for something new.



78.9283, 0.3226, 0.3131



78.3126, 0.3250, 0.3095



91.3296, 0.2961, 0.3309



17.3857, 0.3207, 0.3160



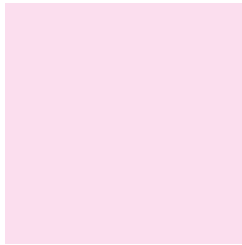
11.7843, 0.4741, 0.2386



1.1128, 0.4507, 0.2257

Previews

White Background



This preview shows how the Yxy color 78.9248, 0.3226, 0.3131 looks on a white background.

Color Contrast Check

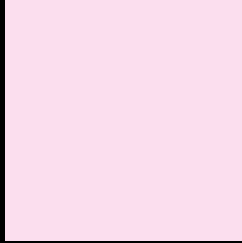
Large Text (above 18pt) WCAG AA × Fail

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 78.9248, 0.3226, 0.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

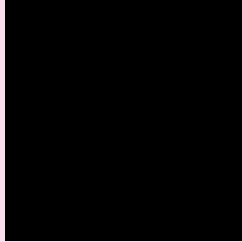
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.9248, 0.3226, 0.3131

Background



This preview shows how black text looks on a background with the Yxy color 78.9248, 0.3226, 0.3131.



This preview shows how white text looks on a background with the Yxy color 78.9248, 0.3226, 0.3131.

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

78.9248, 0.3226, 0.3131

Protanopia

79.4384, 0.3059, 0.3156

Deuteranopia

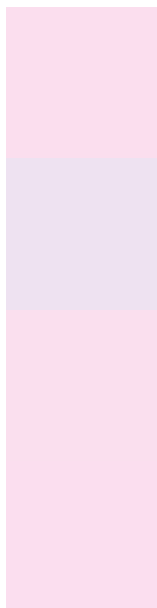
79.0881, 0.3212, 0.3140



Tritanopia

78.9838, 0.3220, 0.3121

Trichromacy



Original Color

78.9248, 0.3226, 0.3131

Protanomaly

78.9207, 0.3114, 0.3137

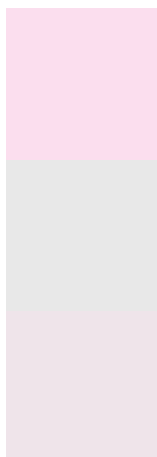
Deuteranomaly

79.2724, 0.3219, 0.3140

Tritanomaly

78.9838, 0.3220, 0.3121

Monochromacy



Original Color

78.9248, 0.3226, 0.3131

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

79.7780, 0.3165, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.9248, 0.3226, 0.3131 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(251, 222, 238)` looks like.

```
.text, #text, p{  
    color:rgb(251, 222, 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(251, 222, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 222, 238) }
```

Border

The CSS property to change the border of an element to Yxy 78.9248, 0.3226, 0.3131 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(251, 222, 238) }
```

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

```
.border{ border-color:rgb(251, 222, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 222, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 222, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 222, 238);  
box-shadow:4px 4px 4px 4px rgb(251, 222,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 78.9248, 0.3226, 0.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 222, 238) }
```

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

```
.background{ background-color: rgb(251,  
222, 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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