

Converting Colors

$Y_{xy}(80.7102, 0.3226, 0.3145)$

Have a look what the booklet for
Yxy(80.7102, 0.3226, 0.3145)
contains.

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Color

Yxy(80.7779, 0.3224, 0.3151)

Conversions

Conversions Part 1

Format	Color
Hex	FCE1EF
RGB	252, 225, 239
RGB Percent	99%, 88%, 94%
CMY	0.0118, 0.1176, 0.0626
CMYK	0.00, 0.11, 0.05, 0.01
HSL	329°, 82%, 94%
HSV	329°, 11%, 99%
XYZ	82.6493, 80.7779, 92.9292
YIQ	234.6690, 11.5980, 10.0780

Conversions

Conversions Part 2

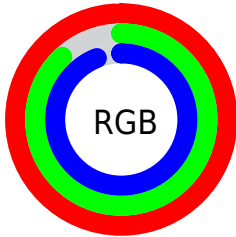
Format	Color
R _{YB}	252, 225, 239
Decimal	16572911
CIE Lab	92.03, 11.58, -3.45
CIE LCh	92, 12.084, 343.420
Yxy	80.7779, 0.3224, 0.3151
Android (android.graphics.Color)	4294762991 (0xFFFC E1EF)
YUV	234.6690, 2.1352, 15.1993
Hunter-Lab	89.8765, 6.8624, 1.6098

Details

The Yxy color $80.7779, 0.3224, 0.3151$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $91.7871, 0.3040, 0.3433$, and the grayscale version is $82.7922, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $43.7705, 0.3244, 0.3125$ is the 20% darker color. If you saturate the color by 10%, you get $67.4563, 0.3334, 0.3014$, and if you desaturate by 10%, it is $96.1647, 0.3133, 0.3281$.

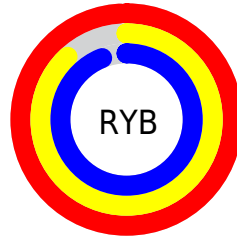
Distribution



Red (99%)

Green (88%)

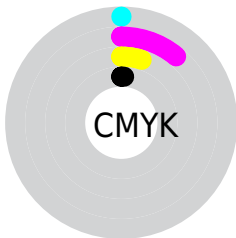
Blue (94%)



Red (99%)

Yellow (88%)

Blue (94%)

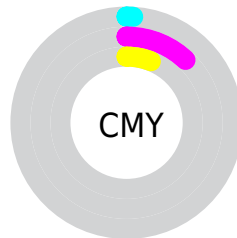


Cyan (0%)

Magenta (11%)

Yellow (5%)

Black (1%)



Cyan (1%)


Magenta (12%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.7779, 0.3224, 0.3151 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 80.7779, 0.3224, 0.3151 by changing the saturation by 10% instead.

 80.7779, 0.3224,
0.3151

 80.7779, 0.3224,
0.3151


497.5506, 0.3180,
0.3214

 60.3587, 0.3234,
0.3137

134.4589, 0.3209,
0.3172

 43.7078, 0.3246,
0.3120


168.4894, 0.3203,
0.3181

 30.4409, 0.3260,
0.3099


207.8259, 0.3198,
0.3188

 20.1735, 0.3280,
0.3072

252.8526, 0.3194,
0.3194

 12.5212, 0.3305,
0.3036

303.9541, 0.3190,
0.3200

 7.0997, 0.3341,
0.2985

361.5146, 0.3186,

 3.5245, 0.3395,

0.3205

0.2910

425.9187, 0.3183,
0.3210

■ 1.4113, 0.3484,
0.2786

■ 0.2250, 0.4112,
0.1863

■ 80.7779, 0.3224,
0.3151

■ 80.7779, 0.3224,
0.3151

■ 67.4563, 0.3334,
0.3014

■ 96.1647, 0.3133,
0.3281

■ 56.1008, 0.3465,
0.2874

■ 99.4317, 0.3109,
0.3290

■ 46.6196, 0.3620,
0.2735

■ 38.9097, 0.3801,
0.2606

■ 32.8579, 0.4006,
0.2497

■ 28.3379, 0.4230,
0.2421

■ 25.2047, 0.4466,
0.2390

■ 23.2851, 0.4702,
0.2413

■ 22.3336, 0.4912,
0.2480

Harmonies

Analogous

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



80.7779, 0.3082, 0.3075



80.7779, 0.3224, 0.3151



80.7779, 0.3342, 0.3263

Triad

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



80.7779, 0.3224, 0.3151



80.7779, 0.3300, 0.3535



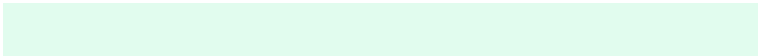
80.7779, 0.2860, 0.3186

Complementary

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



80.7779, 0.3224, 0.3151



91.7871, 0.3040, 0.3433

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.



80.7779, 0.2916, 0.3312



80.7779, 0.3224, 0.3151



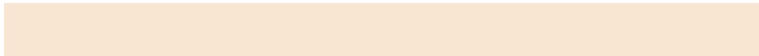
80.7779, 0.3168, 0.3518

Square

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



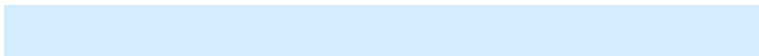
80.7779, 0.3224, 0.3151



80.7779, 0.3386, 0.3485



80.7779, 0.3028, 0.3436



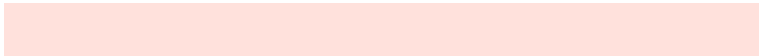
80.7779, 0.2874, 0.3092

Rectangle

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



80.7779, 0.3224, 0.3151



80.7779, 0.3390, 0.3345



80.7779, 0.3028, 0.3436



80.7779, 0.2871, 0.3226

Sweetspot

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



80.7814, 0.3224, 0.3151



94.9817, 0.3152, 0.3252



78.9894, 0.3042, 0.3018



20.0501, 0.3159, 0.3242



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

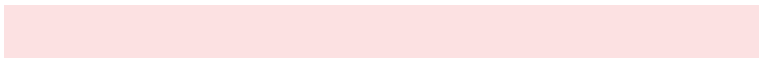
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.7814, 0.3224, 0.3151



79.6608, 0.3248, 0.3120



80.0328, 0.3312, 0.3282



17.3761, 0.3212, 0.3167



11.6659, 0.4876, 0.2460



1.1019, 0.4622, 0.2320

Inverse Universe

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



80.7814, 0.3224, 0.3151



79.6608, 0.3248, 0.3120



92.5874, 0.2967, 0.3299



17.3761, 0.3212, 0.3167



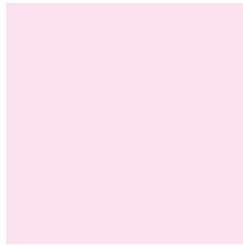
11.6659, 0.4876, 0.2460



1.1019, 0.4622, 0.2320

Previews

White Background



This preview shows how the Yxy color 80.7779, 0.3224, 0.3151 looks on a white background.

Color Contrast Check

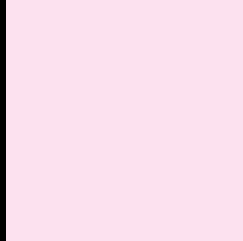
Large Text (above 18pt) WCAG AA × Fail

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 80.7779, 0.3224, 0.3151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

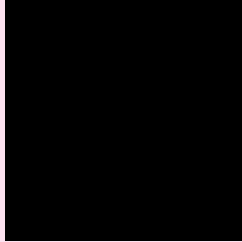
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.7779, 0.3224, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 80.7779, 0.3224, 0.3151.

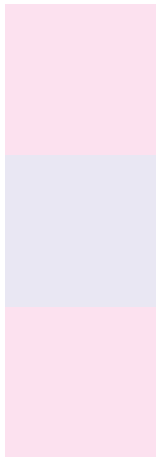


This preview shows how white text looks on a background with the Yxy color 80.7779, 0.3224, 0.3151.

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

80.7779, 0.3224, 0.3151

Protanopia

80.9465, 0.3066, 0.3167

Deuteranopia

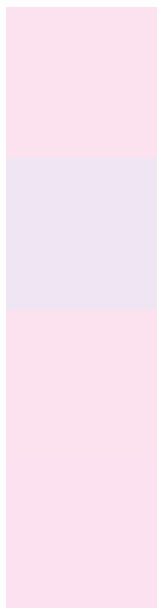
80.7779, 0.3224, 0.3151



Tritanopia

80.9567, 0.3205, 0.3122

Trichromacy



Original Color

80.7779, 0.3224, 0.3151

Protanomaly

80.9747, 0.3120, 0.3158

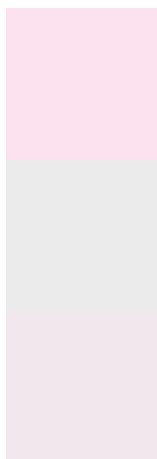
Deuteranomaly

80.7779, 0.3224, 0.3151

Tritanomaly

80.8967, 0.3211, 0.3132

Monochromacy



Original Color

80.7779, 0.3224, 0.3151

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

81.9087, 0.3164, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.7779, 0.3224, 0.3151 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(252, 225, 239)` looks like.

```
.text, #text, p{  
    color:rgb(252, 225, 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(252, 225, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 225, 239) }
```

Border

The CSS property to change the border of an element to Yxy 80.7779, 0.3224, 0.3151 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(252, 225, 239) }
```

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

```
.border{ border-color:rgb(252, 225, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 225, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 225, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 225, 239);  
box-shadow:4px 4px 4px 4px rgb(252, 225,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 80.7779, 0.3224, 0.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 225, 239) }
```

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

```
.background{ background-color: rgb(252,  
225, 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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