

Converting Colors

$Yxy(86.9221, 0.3624, 0.3243)$

Have a look what the booklet for
Yxy(86.9221, 0.3624, 0.3243)
contains.

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Color

Yxy(78.5190, 0.3331, 0.3231)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDE3
RGB	255, 221, 227
RGB Percent	100%, 87%, 89%
CMY	0.0001, 0.1332, 0.1099
CMYK	0.00, 0.13, 0.11, 0.00
HSL	349°, 100%, 93%
HSV	349°, 13%, 100%
XYZ	80.9492, 78.5190, 83.5495
YIQ	231.8500, 18.3380, 9.0740

Conversions

Conversions Part 2

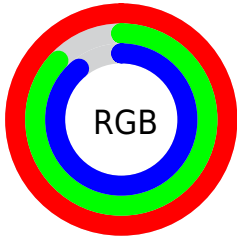
Format	Color
R _Y B	255, 221, 227
Decimal	16768483
CIE Lab	91.02, 12.67, 1.41
CIE LCh	91, 12.746, 6.349
Yxy	78.5190, 0.3331, 0.3231
Android (android.graphics.Color)	4294958563 (0xFFFFDDE3)
YUV	231.8500, -2.3910, 20.3026
Hunter-Lab	88.6109, 7.9968, 6.1243

Details

The Yxy color **78.5190, 0.3331, 0.3231** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.7114, 0.2955, 0.3350**, and the grayscale version is **80.5850, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.2568, 0.3375, 0.3214** is the 20% darker color. If you saturate the color by 10%, you get **64.9736, 0.3528, 0.3184**, and if you desaturate by 10%, it is **94.2575, 0.3173, 0.3276**.

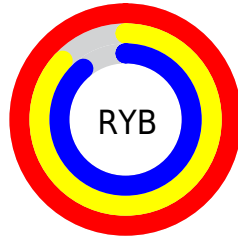
Distribution



Red (100%)

Green (87%)

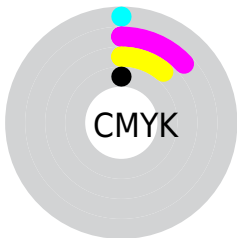
Blue (89%)



Red (100%)

Yellow (87%)

Blue (89%)

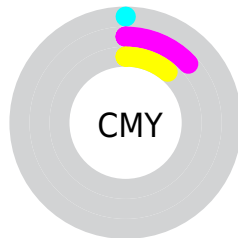


Cyan (0%)

Magenta (13%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.5190, 0.3331, 0.3231 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 78.5190, 0.3331, 0.3231 by changing the saturation by 10% instead.


 78.5190, 0.3331,
0.3231

 78.5190, 0.3331,
0.3231

489.9276, 0.3238,
0.3258

 58.5004, 0.3352,
0.3225


131.2815, 0.3299,
0.3241

 42.2111, 0.3378,
0.3217

164.7942, 0.3286,
0.3244

 29.2666, 0.3411,
0.3207


203.5737, 0.3275,
0.3247

 19.2826, 0.3453,
0.3194

248.0045, 0.3266,
0.3250

 11.8747, 0.3511,
0.3177

298.4709, 0.3258,
0.3253

 6.6584, 0.3593,
0.3151

355.3572, 0.3250,

 3.2494, 0.3720,

0.3255

0.3112

419.0480, 0.3244,
0.3257

■ 1.2633, 0.3940,
0.3041

■ 0.1125, 0.7531,
0.2036

■ 78.5190, 0.3331,
0.3231

■ 78.5190, 0.3331,
0.3231

■ 64.9736, 0.3528,
0.3184

■ 94.2575, 0.3173,
0.3276

■ 53.5140, 0.3771,
0.3135

99.9929, 0.3127,
0.3290

■ 44.0391, 0.4067,
0.3089

■ 36.4359, 0.4420,
0.3051

■ 30.5794, 0.4822,
0.3028

■ 26.3297, 0.5250,
0.3029

■ 23.5251, 0.5662,
0.3061

■ 21.9696, 0.6003,
0.3124

■ 21.4408, 0.6174,
0.3175

Harmonies

Analogous

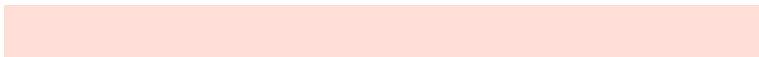
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.5190, 0.3195, 0.3119



78.5190, 0.3331, 0.3231



78.5190, 0.3412, 0.3360

Triad

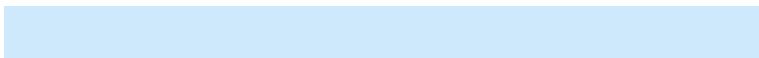
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.5190, 0.3331, 0.3231



78.5190, 0.3206, 0.3544



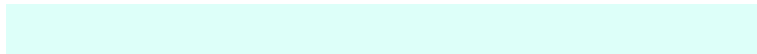
78.5190, 0.2848, 0.3098

Complementary

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



78.5190, 0.3331, 0.3231



93.7114, 0.2955, 0.3350

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.



78.5190, 0.2851, 0.3209



78.5190, 0.3331, 0.3231



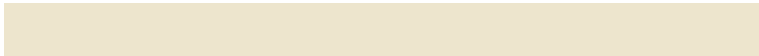
78.5190, 0.3055, 0.3471

Square

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



78.5190, 0.3331, 0.3231



78.5190, 0.3338, 0.3544



78.5190, 0.2926, 0.3346



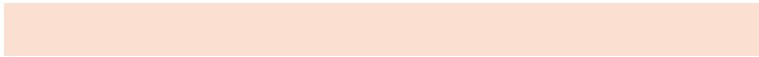
78.5190, 0.2917, 0.3041

Rectangle

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



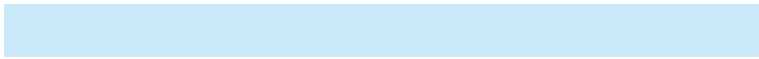
78.5190, 0.3331, 0.3231



78.5190, 0.3423, 0.3441



78.5190, 0.2926, 0.3346



78.5190, 0.2840, 0.3130

Sweetspot

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



78.5225, 0.3331, 0.3231



93.1341, 0.3182, 0.3273



79.0340, 0.3100, 0.2956



19.6669, 0.3193, 0.3270



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

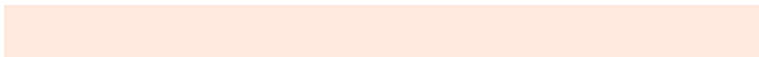
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.5225, 0.3331, 0.3231



74.6945, 0.3380, 0.3219



84.0582, 0.3358, 0.3398



18.0392, 0.3267, 0.3248



11.2220, 0.6141, 0.3156



1.1062, 0.5856, 0.2999

Inverse Universe

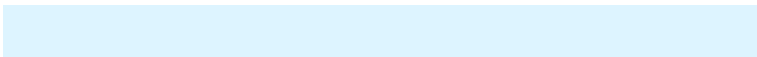
The Inverse Universe completely reimagines the original color for something new.



78.5225, 0.3331, 0.3231



74.6945, 0.3380, 0.3219



87.4238, 0.2920, 0.3180



18.0392, 0.3267, 0.3248



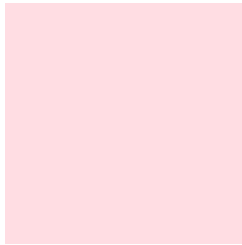
11.2220, 0.6141, 0.3156



1.1062, 0.5856, 0.2999

Previews

White Background



This preview shows how the Yxy color 78.5190, 0.3331, 0.3231 looks on a white background.

Color Contrast Check

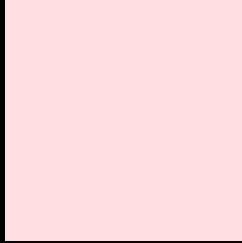
Large Text (above 18pt) WCAG AA × Fail

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 78.5190, 0.3331, 0.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

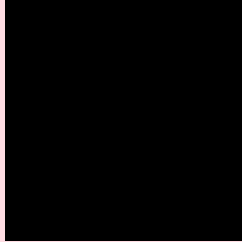
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.5190, 0.3331, 0.3231

Background



This preview shows how black text looks on a background with the Yxy color 78.5190, 0.3331, 0.3231.

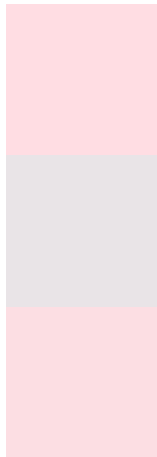


This preview shows how white text looks on a background with the Yxy color 78.5190, 0.3331, 0.3231.

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

78.5190, 0.3331, 0.3231

Protanopia

78.5800, 0.3142, 0.3259

Deuteranopia

78.4841, 0.3308, 0.3240



Tritanopia

78.5025, 0.3270, 0.3132

Trichromacy



Original Color

78.5190, 0.3331, 0.3231

Protanomaly

78.2644, 0.3207, 0.3239

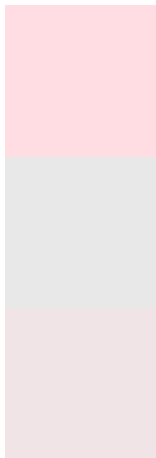
Deuteranomaly

78.6713, 0.3316, 0.3240

Tritanomaly

78.3296, 0.3291, 0.3161

Monochromacy



Original Color

78.5190, 0.3331, 0.3231

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

79.7252, 0.3197, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.5190, 0.3331, 0.3231 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(255, 221, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 227)  
}
```

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(255, 221, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 227) }
```

Border

The CSS property to change the border of an element to Yxy 78.5190, 0.3331, 0.3231 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(255, 221, 227) }
```

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

```
.border{ border-color:rgb(255, 221, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 78.5190, 0.3331, 0.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 227) }
```

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

```
.background{ background-color: rgb(255,  
221, 227) }
```

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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