

Converting Colors

$Yxy(78.4491, 0.3284, 0.3192)$

Have a look what the booklet for
Yxy(78.4491, 0.3284, 0.3192)
contains.

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Color

Yxy(78.1779, 0.3282, 0.3190)

Conversions

Conversions Part 1

Format	Color
Hex	FCDDE7
RGB	252, 221, 231
RGB Percent	99%, 87%, 91%
CMY	0.0117, 0.1333, 0.0941
CMYK	0.00, 0.12, 0.08, 0.01
HSL	341°, 84%, 93%
HSV	341°, 12%, 99%
XYZ	80.4326, 78.1779, 86.4613
YIQ	231.4090, 15.2660, 9.6820

Conversions

Conversions Part 2

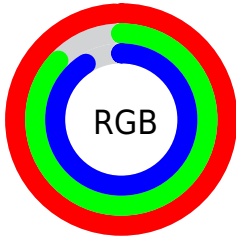
Format	Color
R _Y B	252, 221, 231
Decimal	16571879
CIE Lab	90.86, 12.33, -0.96
CIE LCh	91, 12.364, 355.542
Yxy	78.1779, 0.3282, 0.3190
Android (android.graphics.Color)	4294761959 (0xFFFCDD E7)
YUV	231.4090, -0.2016, 18.0583
Hunter-Lab	88.4183, 7.6464, 3.9150

Details

The Yxy color **78.1779, 0.3282, 0.3190** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.4183, 0.2993, 0.3392**, and the grayscale version is **80.2290, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.9697, 0.3319, 0.3175** is the 20% darker color. If you saturate the color by 10%, you get **64.9394, 0.3440, 0.3104**, and if you desaturate by 10%, it is **93.5148, 0.3153, 0.3272**.

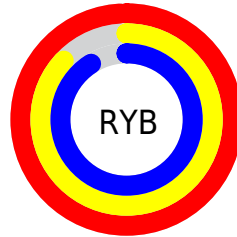
Distribution



Red (99%)

Green (87%)

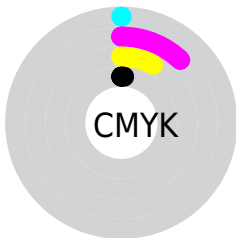
Blue (91%)



Red (99%)

Yellow (87%)

Blue (91%)

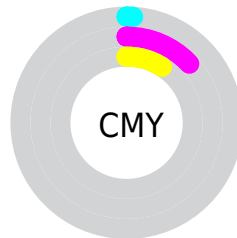


Cyan (0%)

Magenta (12%)

Yellow (8%)

Black (1%)



Cyan (1%)


Magenta (13%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.1779, 0.3282, 0.3190 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 78.1779, 0.3282, 0.3190 by changing the saturation by 10% instead.

 78.1779, 0.3282,
0.3190

 78.1779, 0.3282,
0.3190


488.7708, 0.3211,
0.3236

 58.2201, 0.3298,
0.3180


130.8009, 0.3258,
0.3206

 41.9856, 0.3318,
0.3167

164.2349, 0.3248,
0.3212

 29.0901, 0.3342,
0.3151

202.9297, 0.3240,
0.3217

 19.1490, 0.3374,
0.3131

247.2698, 0.3233,
0.3222

 11.7780, 0.3417,
0.3103

297.6396, 0.3226,
0.3226

 6.5927, 0.3479,
0.3064

354.4234, 0.3221,

 3.2087, 0.3573,

0.3229

0.3005

418.0057, 0.3216,
0.3233

■ 1.2416, 0.3737,
0.2902

■ 0.0953, 0.5952,
0.1449

■ 78.1779, 0.3282,
0.3190

■ 78.1779, 0.3282,
0.3190

■ 64.9394, 0.3440,
0.3104

■ 93.5148, 0.3153,
0.3272

■ 53.6977, 0.3633,
0.3015

■ 99.4398, 0.3109,
0.3290

■ 44.3578, 0.3866,
0.2928

■ 36.8134, 0.4142,
0.2851

■ 30.9472, 0.4460,
0.2793

■ 26.6279, 0.4808,
0.2767

■ 23.7047, 0.5165,
0.2784

■ 21.9955, 0.5501,
0.2851

■ 21.2995, 0.5727,
0.2929

Harmonies

Analogous

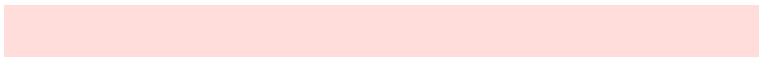
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.1779, 0.3140, 0.3093



78.1779, 0.3282, 0.3190



78.1779, 0.3383, 0.3313

Triad

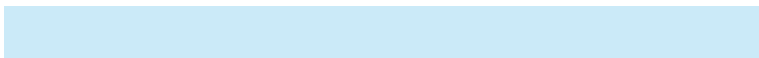
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.1779, 0.3282, 0.3190



78.1779, 0.3254, 0.3545



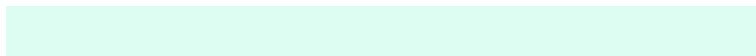
78.1779, 0.2848, 0.3137

Complementary

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



78.1779, 0.3282, 0.3190



91.4183, 0.2993, 0.3392

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.



78.1779, 0.2877, 0.3258



78.1779, 0.3282, 0.3190



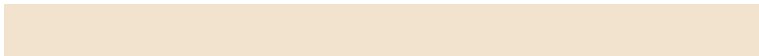
78.1779, 0.3109, 0.3499

Square

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



78.1779, 0.3282, 0.3190



78.1779, 0.3367, 0.3520



78.1779, 0.2972, 0.3392



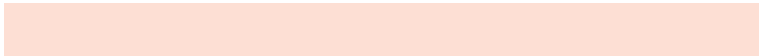
78.1779, 0.2891, 0.3061

Rectangle

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



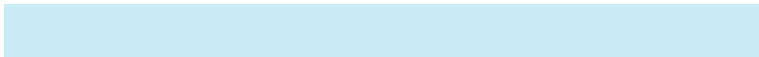
78.1779, 0.3282, 0.3190



78.1779, 0.3413, 0.3396



78.1779, 0.2972, 0.3392



78.1779, 0.2850, 0.3174

Sweetspot

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



78.1813, 0.3282, 0.3190



93.2270, 0.3173, 0.3258



77.5618, 0.3070, 0.2979



19.6903, 0.3182, 0.3252



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

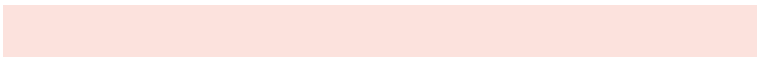
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.1813, 0.3282, 0.3190



76.4196, 0.3321, 0.3167



80.4042, 0.3344, 0.3343



17.3176, 0.3243, 0.3214



11.1166, 0.5684, 0.2905



1.0481, 0.5348, 0.2720

Inverse Universe

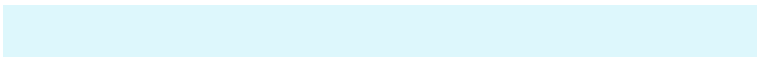
The Inverse Universe completely reimagines the original color for something new.



78.1813, 0.3282, 0.3190



76.4196, 0.3321, 0.3167



88.8326, 0.2937, 0.3237



17.3176, 0.3243, 0.3214



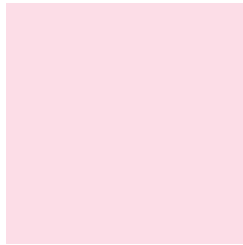
11.1166, 0.5684, 0.2905



1.0481, 0.5348, 0.2720

Previews

White Background



This preview shows how the Yxy color 78.1779, 0.3282, 0.3190 looks on a white background.

Color Contrast Check

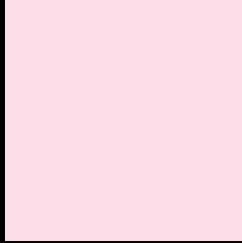
Large Text (above 18pt) WCAG AA × Fail

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 78.1779, 0.3282, 0.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

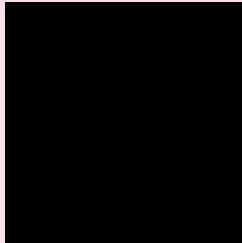
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.1779, 0.3282, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 78.1779, 0.3282, 0.3190.

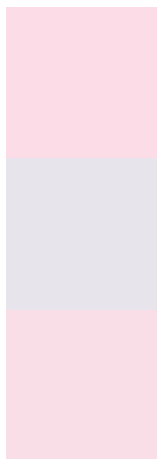


This preview shows how white text looks on a background with the Yxy color 78.1779, 0.3282, 0.3190.

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

78.1779, 0.3282, 0.3190

Protanopia

78.4739, 0.3103, 0.3217

Deuteranopia

78.3361, 0.3267, 0.3200



Tritanopia

78.1835, 0.3249, 0.3121

Trichromacy



Original Color

78.1779, 0.3282, 0.3190

Protanomaly

78.1417, 0.3166, 0.3198

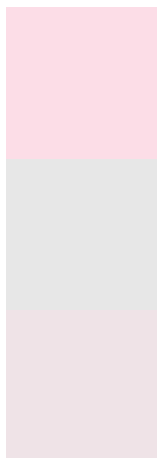
Deuteranomaly

78.5213, 0.3274, 0.3200

Tritanomaly

78.0672, 0.3263, 0.3141

Monochromacy



Original Color

78.1779, 0.3282, 0.3190

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.0584, 0.3185, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.1779, 0.3282, 0.3190 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, 221, 231)` looks like.

```
.text, #text, p{  
    color:rgb(252, 221, 231)  
}
```

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, 221, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 221, 231) }
```

Border

The CSS property to change the border of an element to Yxy 78.1779, 0.3282, 0.3190 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, 221, 231) }
```

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

```
.border{ border-color:rgb(252, 221, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 221, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 221, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 221, 231);  
box-shadow:4px 4px 4px 4px rgb(252, 221,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 78.1779, 0.3282, 0.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 221, 231) }
```

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

```
.background{ background-color: rgb(252,  
221, 231) }
```

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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