

Converting Colors

$Y_{xy}(71.8021, 0.3300, 0.3120)$

Have a look what the booklet for
Yxy(71.8021, 0.3300, 0.3120)
contains.

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Color

Yxy(71.7790, 0.3299, 0.3117)

Conversions

Conversions Part 1

Format	Color
Hex	F9D2E3
RGB	249, 210, 227
RGB Percent	98%, 82%, 89%
CMY	0.0237, 0.1764, 0.1097
CMYK	0.00, 0.16, 0.09, 0.02
HSL	334°, 76%, 90%
HSV	334°, 16%, 98%
XYZ	75.9701, 71.7790, 82.5332
YIQ	223.5990, 17.7870, 13.5550

Conversions

Conversions Part 2

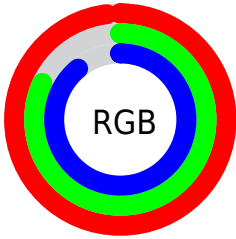
Format	Color
R _Y B	249, 210, 227
Decimal	16372451
CIE Lab	87.86, 16.34, -3.28
CIE LCh	88, 16.667, 348.639
Yxy	71.7790, 0.3299, 0.3117
Android (android.graphics.Color)	4294562531 (0xFFFF9D2E3)
YUV	223.5990, 1.6767, 22.2767
Hunter-Lab	84.7225, 11.7955, 1.5478

Details

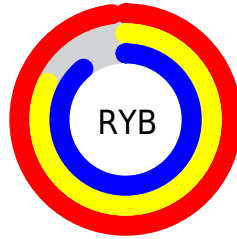
The Yxy color $71.7790, 0.3299, 0.3117$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $87.2575, 0.2983, 0.3470$, and the grayscale version is $74.2188, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.6277, 0.3335, 0.3067$ is the 20% darker color. If you saturate the color by 10%, you get $59.6853, 0.3439, 0.3000$, and if you desaturate by 10%, it is $85.8545, 0.3183, 0.3230$.

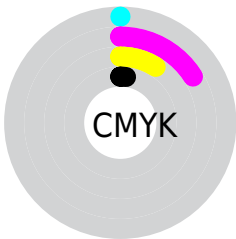
Distribution



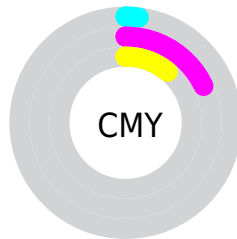
- Red (98%)
- Green (82%)
- Blue (89%)



- Red (98%)
- Yellow (82%)
- Blue (89%)



- Cyan (0%)
- Magenta (16%)
- Yellow (9%)
- Black (2%)




- Cyan (2%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.7790, 0.3299, 0.3117 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 71.7790, 0.3299, 0.3117 by changing the saturation by 10% instead.


 71.7790, 0.3299,
0.3117

 71.7790, 0.3299,
0.3117


466.7720, 0.3220,
0.3196

 52.9782, 0.3317,
0.3099


121.7423, 0.3272,
0.3144

 37.7853, 0.3339,
0.3077


153.6735, 0.3261,
0.3155

 25.8161, 0.3368,
0.3049


190.7503, 0.3252,
0.3164

 16.6861, 0.3404,
0.3013

233.3571, 0.3244,
0.3172

 10.0110, 0.3455,
0.2964

281.8783, 0.3237,
0.3179

 5.4062, 0.3527,
0.2894

336.6982, 0.3230,

 2.4875, 0.3640,

0.3186

0.2786

398.2013, 0.3225,
0.3191

0.8704, 0.3842,
0.2597

0.0000, 1.0000,
0.0000

71.7790, 0.3299,
0.3117

71.7790, 0.3299,
0.3117

59.6853, 0.3439,
0.3000

85.8545, 0.3183,
0.3230

49.4743, 0.3608,
0.2881

98.8730, 0.3090,
0.3290

41.0525, 0.3809,
0.2767

34.3146, 0.4042,
0.2667

■ 29.1443, 0.4305,
0.2591

■ 25.4102, 0.4589,
0.2554

■ 22.9589, 0.4879,
0.2568

■ 21.6013, 0.5156,
0.2636

■ 21.2296, 0.5271,
0.2677

Harmonies

Analogous

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



71.7790, 0.3096, 0.2999



71.7790, 0.3299, 0.3117



71.7790, 0.3459, 0.3280

Triad

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



71.7790, 0.3299, 0.3117



71.7790, 0.3344, 0.3646



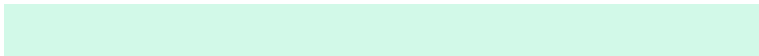
71.7790, 0.2743, 0.3110

Complementary

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



71.7790, 0.3299, 0.3117



87.2575, 0.2983, 0.3470

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.



71.7790, 0.2805, 0.3287



71.7790, 0.3299, 0.3117



71.7790, 0.3148, 0.3606

Square

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



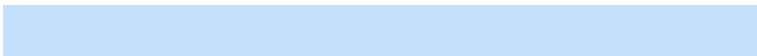
71.7790, 0.3299, 0.3117



71.7790, 0.3484, 0.3586



71.7790, 0.2952, 0.3472



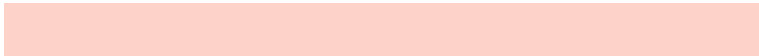
71.7790, 0.2780, 0.2990

Rectangle

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



71.7790, 0.3299, 0.3117



71.7790, 0.3516, 0.3395



71.7790, 0.2952, 0.3472



71.7790, 0.2753, 0.3165

Sweetspot

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



71.7822, 0.3299, 0.3117



91.6790, 0.3177, 0.3236



70.0015, 0.3020, 0.2887



19.3822, 0.3184, 0.3229



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

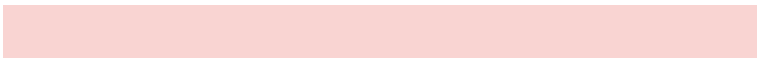
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.7822, 0.3299, 0.3117



71.2524, 0.3344, 0.3078



71.8569, 0.3420, 0.3311



17.3510, 0.3225, 0.3187



11.3950, 0.5231, 0.2655



1.0762, 0.4931, 0.2490

Inverse Universe

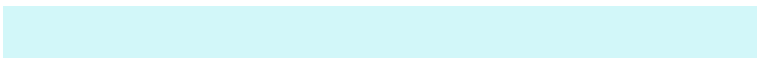
The Inverse Universe completely reimagines the original color for something new.



71.7822, 0.3299, 0.3117



71.2524, 0.3344, 0.3078



87.0731, 0.2889, 0.3269



17.3510, 0.3225, 0.3187



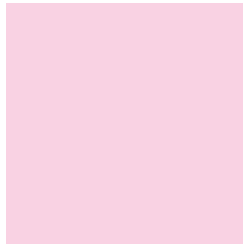
11.3950, 0.5231, 0.2655



1.0762, 0.4931, 0.2490

Previews

White Background



This preview shows how the Yxy color 71.7790, 0.3299, 0.3117 looks on a white background.

Color Contrast Check

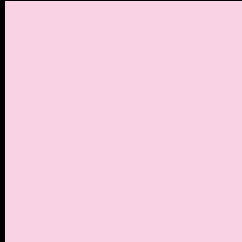
Large Text (above 18pt) WCAG AA × Fail

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 71.7790, 0.3299, 0.3117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

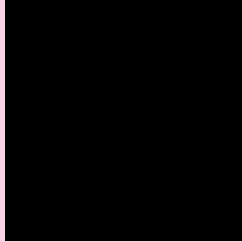
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.7790, 0.3299, 0.3117

Background



This preview shows how black text looks on a background with the Yxy color 71.7790, 0.3299, 0.3117.



This preview shows how white text looks on a background with the Yxy color 71.7790, 0.3299, 0.3117.

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

71.7790, 0.3299, 0.3117

Protanopia

71.9184, 0.3050, 0.3140

Deuteranopia

71.9348, 0.3228, 0.3165



Tritanopia

71.7239, 0.3307, 0.3127

Trichromacy



Original Color

71.7790, 0.3299, 0.3117

Protanomaly

71.8702, 0.3135, 0.3132

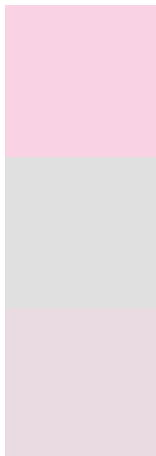
Deuteranomaly

72.1342, 0.3259, 0.3156

Tritanomaly

71.7239, 0.3307, 0.3127

Monochromacy



Original Color

71.7790, 0.3299, 0.3117

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.4229, 0.3188, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7790, 0.3299, 0.3117 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(249, 210, 227)` looks like.

```
.text, #text, p{  
    color:rgb(249, 210, 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(249, 210, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 210, 227) }
```

Border

The CSS property to change the border of an element to Yxy 71.7790, 0.3299, 0.3117 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(249, 210, 227) }
```

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

```
.border{ border-color:rgb(249, 210, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 210, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 210, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 210, 227);  
box-shadow:4px 4px 4px 4px rgb(249, 210,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7790, 0.3299, 0.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 210, 227) }
```

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

```
.background{ background-color: rgb(249,  
210, 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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