

Converting Colors

$Yxy(71.1616, 0.3317, 0.3097)$

Have a look what the booklet for
Yxy(71.1616, 0.3317, 0.3097)
contains.

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Color

Yxy(71.1670, 0.3317, 0.3097)

Conversions

Conversions Part 1

Format	Color
Hex	FBD0E3
RGB	251, 208, 227
RGB Percent	98%, 82%, 89%
CMY	0.0154, 0.1844, 0.1097
CMYK	0.00, 0.17, 0.10, 0.02
HSL	333°, 85%, 90%
HSV	333°, 17%, 98%
XYZ	76.2225, 71.1670, 82.4039
YIQ	223.0230, 19.5290, 15.0250

Conversions

Conversions Part 2

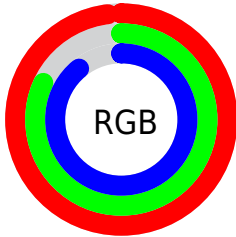
Format	Color
RYB	251, 208, 227
Decimal	16503011
CIELab	87.57, 18.13, -3.70
CIElCh	88, 18.503, 348.470
Yxy	71.1670, 0.3317, 0.3097
Android (android.graphics.Color)	4294693091 (0xFFFFBD0E3)
YUV	223.0230, 1.9607, 24.5358
Hunter-Lab	84.3605, 13.6495, 1.1375

Details

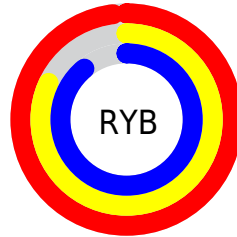
The Yxy color **71.1670, 0.3317, 0.3097** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.2673, 0.2970, 0.3492**, and the grayscale version is **73.7904, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2304, 0.3358, 0.3043** is the 20% darker color. If you saturate the color by 10%, you get **59.1404, 0.3460, 0.2978**, and if you desaturate by 10%, it is **85.2005, 0.3199, 0.3212**.

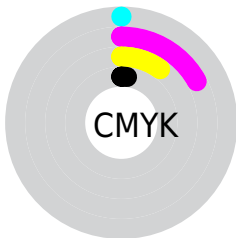
Distribution



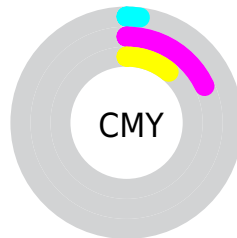
- Red (98%)
- Green (82%)
- Blue (89%)



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



- Cyan (0%)
- Magenta (17%)
- Yellow (10%)
- Black (2%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.1670, 0.3317, 0.3097 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 71.1670, 0.3317, 0.3097 by changing the saturation by 10% instead.

 71.1670, 0.3317,
0.3097

 71.1670, 0.3317,
0.3097


464.6370, 0.3229,
0.3186

 52.4785, 0.3337,
0.3077


120.8715, 0.3287,
0.3128

 37.3866, 0.3362,
0.3052


152.6562, 0.3275,
0.3139

 25.5070, 0.3393,
0.3021


189.5752, 0.3265,
0.3150

 16.4552, 0.3434,
0.2981

232.0128, 0.3256,
0.3159

 9.8468, 0.3489,
0.2926

280.3534, 0.3248,
0.3167

 5.2975, 0.3569,
0.2848

334.9813, 0.3241,

 2.4229, 0.3695,

0.3174

0.2728

396.2811, 0.3235,
0.3180

0.8376, 0.3920,
0.2517

0.0000, 1.0000,
0.0000

71.1670, 0.3317,
0.3097

71.1670, 0.3317,
0.3097

59.1404, 0.3460,
0.2978

85.2005, 0.3199,
0.3212

49.0187, 0.3632,
0.2858

99.2606, 0.3103,
0.3290

40.7054, 0.3836,
0.2744

34.0915, 0.4071,
0.2645

■ 29.0562, 0.4335,
0.2574

■ 25.4625, 0.4617,
0.2543

■ 23.1497, 0.4904,
0.2563

■ 21.9114, 0.5175,
0.2639

■ 21.6669, 0.5249,
0.2665

Harmonies

Analogous

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



71.1670, 0.3090, 0.2967



71.1670, 0.3317, 0.3097



71.1670, 0.3496, 0.3276

Triad

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



71.1670, 0.3317, 0.3097



71.1670, 0.3369, 0.3688



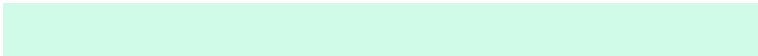
71.1670, 0.2701, 0.3090

Complementary

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



71.1670, 0.3317, 0.3097



88.2673, 0.2970, 0.3492

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.



71.1670, 0.2770, 0.3287



71.1670, 0.3317, 0.3097



71.1670, 0.3151, 0.3644

Square

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



71.1670, 0.3317, 0.3097



71.1670, 0.3525, 0.3618



71.1670, 0.2933, 0.3494



71.1670, 0.2741, 0.2957

Rectangle

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



71.1670, 0.3317, 0.3097



71.1670, 0.3561, 0.3404



71.1670, 0.2933, 0.3494



71.1670, 0.2712, 0.3150

Sweetspot

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



71.1702, 0.3317, 0.3097



91.6833, 0.3176, 0.3236



69.1729, 0.3009, 0.2845



19.3832, 0.3183, 0.3228



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

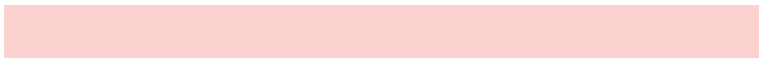
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.1702, 0.3317, 0.3097



68.6858, 0.3369, 0.3051



71.2337, 0.3454, 0.3313



17.3527, 0.3224, 0.3186



11.4110, 0.5208, 0.2643



1.0778, 0.4911, 0.2479

Inverse Universe

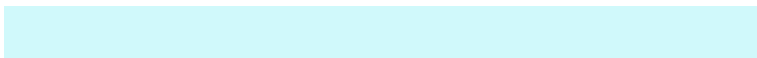
The Inverse Universe completely reimagines the original color for something new.



71.1702, 0.3317, 0.3097



68.6858, 0.3369, 0.3051



88.0700, 0.2866, 0.3267



17.3527, 0.3224, 0.3186



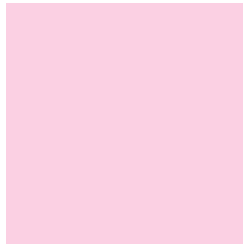
11.4110, 0.5208, 0.2643



1.0778, 0.4911, 0.2479

Previews

White Background



This preview shows how the Yxy color 71.1670, 0.3317, 0.3097 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 71.1670, 0.3317, 0.3097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

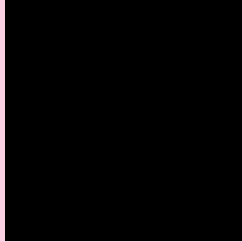
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.1670, 0.3317, 0.3097

Background



This preview shows how black text looks on a background with the Yxy color 71.1670, 0.3317, 0.3097.

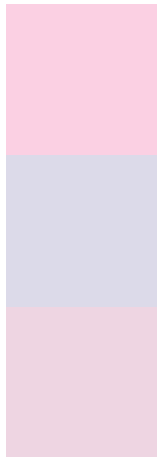


This preview shows how white text looks on a background with the Yxy color 71.1670, 0.3317, 0.3097.

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

71.1670, 0.3317, 0.3097

Protanopia

71.2416, 0.3043, 0.3128

Deuteranopia

71.2566, 0.3222, 0.3154



Tritanopia

71.0572, 0.3331, 0.3117

Trichromacy



Original Color

71.1670, 0.3317, 0.3097

Protanomaly

70.8516, 0.3136, 0.3110

Deuteranomaly

71.1342, 0.3261, 0.3135

Tritanomaly

71.1120, 0.3324, 0.3107

Monochromacy



Original Color

71.1670, 0.3317, 0.3097

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.8483, 0.3195, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1670, 0.3317, 0.3097 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, 208, 227)` looks like.

```
.text, #text, p{  
    color:rgb(251, 208, 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(251, 208, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 208, 227) }
```

Border

The CSS property to change the border of an element to Yxy 71.1670, 0.3317, 0.3097 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, 208, 227) }
```

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

```
.border{ border-color:rgb(251, 208, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 208, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 208, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 208, 227);  
box-shadow:4px 4px 4px 4px rgb(251, 208,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1670, 0.3317, 0.3097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 208, 227) }
```

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

```
.background{ background-color: rgb(251,  
208, 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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