

Converting Colors

$Yxy(74.7601, 0.3298, 0.3153)$

Have a look what the booklet for
Yxy(74.7601, 0.3298, 0.3153)
contains.

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Color

Yxy(74.7672, 0.3295, 0.3149)

Conversions

Conversions Part 1

Format	Color
Hex	FBD7E5
RGB	251, 215, 229
RGB Percent	98%, 84%, 90%
CMY	0.0156, 0.1569, 0.1020
CMYK	0.00, 0.14, 0.09, 0.02
HSL	337°, 82%, 91%
HSV	337°, 14%, 98%
XYZ	78.2337, 74.7672, 84.4307
YIQ	227.3600, 16.9620, 11.9860

Conversions

Conversions Part 2

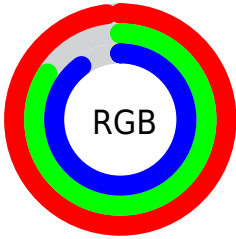
Format	Color
R _Y B	251, 215, 229
Decimal	16504805
CIE Lab	89.28, 14.78, -2.22
CIE LCh	89, 14.941, 351.460
Yxy	74.7672, 0.3295, 0.3149
Android (android.graphics.Color)	4294694885 (0xFFFFBD7E5)
YUV	227.3600, 0.8085, 20.7323
Hunter-Lab	86.4680, 10.1824, 2.6346

Details

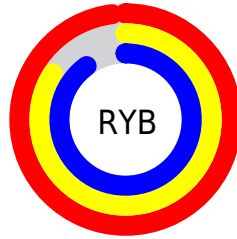
The Yxy color **74.7672, 0.3295, 0.3149** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.5760, 0.2985, 0.3436**, and the grayscale version is **77.0800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6669, 0.3328, 0.3109** is the 20% darker color. If you saturate the color by 10%, you get **62.1322, 0.3444, 0.3045**, and if you desaturate by 10%, it is **89.4461, 0.3173, 0.3249**.

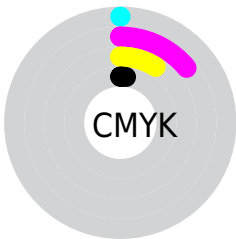
Distribution



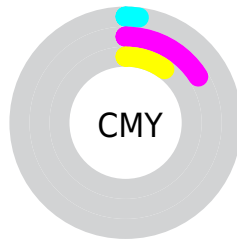
- Red (98%)
- Green (84%)
- Blue (90%)



- Red (98%)
- Yellow (84%)
- Blue (90%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (2%)





- Cyan (2%)
- Magenta (16%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.7672, 0.3295, 0.3149 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 74.7672, 0.3295, 0.3149 by changing the saturation by 10% instead.

 74.7672, 0.3295,
0.3149

 74.7672, 0.3295,
0.3149


477.1170, 0.3218,
0.3213

 55.4222, 0.3312,
0.3134

125.9828, 0.3268,
0.3171

 39.7398, 0.3334,
0.3117


158.6221, 0.3258,
0.3180

 27.3358, 0.3361,
0.3094


196.4617, 0.3249,
0.3187

 17.8256, 0.3397,
0.3065

239.8859, 0.3241,
0.3194

 10.8248, 0.3445,
0.3026

289.2792, 0.3234,
0.3200

 5.9492, 0.3513,
0.2970

345.0258, 0.3228,

 2.8142, 0.3620,

0.3205

0.2884

407.5103, 0.3223,
0.3209

■ 1.0355, 0.3807,
0.2736

■ 0.0000, 0.8057,
0.0000

■ 74.7672, 0.3295,
0.3149

■ 74.7672, 0.3295,
0.3149

■ 62.1322, 0.3444,
0.3045

■ 89.4461, 0.3173,
0.3249

■ 51.4400, 0.3624,
0.2938

■ 99.2548, 0.3103,
0.3290

■ 42.5959, 0.3839,
0.2836

■ 35.4933, 0.4092,
0.2745

■ 30.0145, 0.4379,
0.2677

■ 26.0271, 0.4691,
0.2645

■ 23.3774, 0.5010,
0.2661

■ 21.8778, 0.5314,
0.2731

■ 21.3874, 0.5472,
0.2788

Harmonies

Analogous

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



74.7672, 0.3117, 0.3039



74.7672, 0.3295, 0.3149



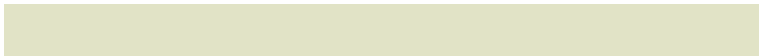
74.7672, 0.3430, 0.3296

Triad

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



74.7672, 0.3295, 0.3149



74.7672, 0.3304, 0.3605



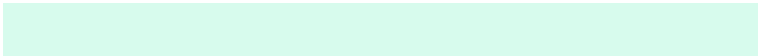
74.7672, 0.2786, 0.3119

Complementary

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



74.7672, 0.3295, 0.3149



89.5760, 0.2985, 0.3436

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.



74.7672, 0.2833, 0.3272



74.7672, 0.3295, 0.3149



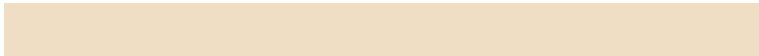
74.7672, 0.3129, 0.3560

Square

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



74.7672, 0.3295, 0.3149



74.7672, 0.3434, 0.3561



74.7672, 0.2957, 0.3436



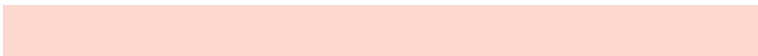
74.7672, 0.2827, 0.3018

Rectangle

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



74.7672, 0.3295, 0.3149



74.7672, 0.3475, 0.3398



74.7672, 0.2957, 0.3436



74.7672, 0.2792, 0.3166

Sweetspot

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



74.7705, 0.3295, 0.3149



93.2686, 0.3169, 0.3252



73.5045, 0.3043, 0.2923



19.7008, 0.3178, 0.3245



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

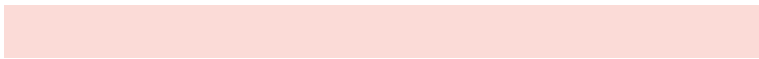
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.7705, 0.3295, 0.3149



73.8008, 0.3332, 0.3122



75.8753, 0.3389, 0.3328



17.3368, 0.3233, 0.3198



11.2655, 0.5429, 0.2764



1.0635, 0.5109, 0.2588

Inverse Universe

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



74.7705, 0.3295, 0.3149



73.8008, 0.3332, 0.3122



88.1962, 0.2907, 0.3252



17.3368, 0.3233, 0.3198



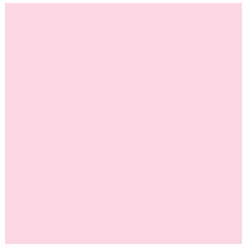
11.2655, 0.5429, 0.2764



1.0635, 0.5109, 0.2588

Previews

White Background



This preview shows how the Yxy color 74.7672, 0.3295, 0.3149 looks on a white background.

Color Contrast Check

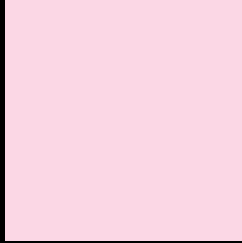
Large Text (above 18pt) WCAG AA × Fail

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 74.7672, 0.3295, 0.3149 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 74.7672, 0.3295, 0.3149

Background



This preview shows how black text looks on a background with the Yxy color 74.7672, 0.3295, 0.3149.

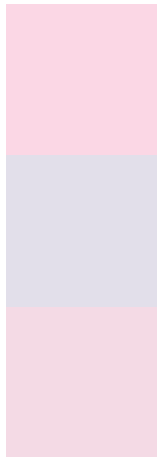


This preview shows how white text looks on a background with the Yxy color 74.7672, 0.3295, 0.3149.

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

74.7672, 0.3295, 0.3149

Protanopia

74.8846, 0.3077, 0.3174

Deuteranopia

75.0330, 0.3241, 0.3178



Tritanopia

74.8796, 0.3281, 0.3129

Trichromacy



Original Color

74.7672, 0.3295, 0.3149

Protanomaly

74.6748, 0.3154, 0.3165

Deuteranomaly

75.0570, 0.3263, 0.3168

Tritanomaly

74.8233, 0.3288, 0.3139

Monochromacy



Original Color

74.7672, 0.3295, 0.3149

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.2097, 0.3186, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7672, 0.3295, 0.3149 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, 215, 229)` looks like.

```
.text, #text, p{  
    color:rgb(251, 215, 229)  
}
```

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, 215, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 215, 229) }
```

Border

The CSS property to change the border of an element to Yxy 74.7672, 0.3295, 0.3149 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, 215, 229) }
```

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

```
.border{ border-color:rgb(251, 215, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 215, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 215, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 215, 229); box-shadow:4px 4px 4px 4px rgb(251, 215, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7672, 0.3295, 0.3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 215, 229) }
```

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

```
.background{ background-color: rgb(251,  
215, 229) }
```

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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