

Converting Colors

$Yxy(74.8984, 0.3190, 0.3014)$

Have a look what the booklet for
Yxy(74.8984, 0.3190, 0.3014)
contains.

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Color

Yxy(75.1514, 0.3190, 0.3020)

Conversions

Conversions Part 1

Format	Color
Hex	F9D7F2
RGB	249, 215, 242
RGB Percent	98%, 84%, 95%
CMY	0.0237, 0.1568, 0.0510
CMYK	0.00, 0.14, 0.03, 0.02
HSL	312°, 74%, 91%
HSV	312°, 14%, 98%
XYZ	79.3818, 75.1514, 94.3125
YIQ	228.2440, 11.5970, 15.6050

Conversions

Conversions Part 2

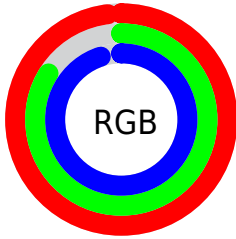
Format	Color
R_{YB}	249, 215, 242
Decimal	16373746
CIE _{Lab}	89.46, 16.28, -8.81
CIE _{LCh}	89, 18.513, 331.569
Yxy	75.1514, 0.3190, 0.3020
Android (android.graphics.Color)	4294563826 (0xFFFF9D7F2)
YUV	228.2440, 6.7817, 18.2030
Hunter-Lab	86.6899, 11.7448, -3.8204

Details

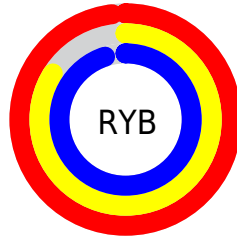
The Yxy color **75.1514, 0.3190, 0.3020** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **87.4521, 0.3070, 0.3576**, and the grayscale version is **77.7129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8932, 0.3199, 0.2956** is the 20% darker color. If you saturate the color by 10%, you get **63.1208, 0.3245, 0.2815**, and if you desaturate by 10%, it is **89.1265, 0.3143, 0.3220**.

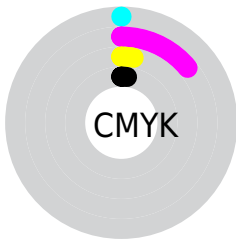
Distribution



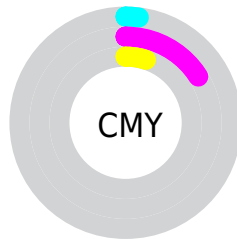
- Red (98%)
- Green (84%)
- Blue (95%)



- Red (98%)
- Yellow (84%)
- Blue (95%)



- Cyan (0%)
- Magenta (14%)
- Yellow (3%)
- Black (2%)





- Cyan (2%)
- Magenta (16%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.1514, 0.3190, 0.3020 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 75.1514, 0.3190, 0.3020 by changing the saturation by 10% instead.


 75.1514, 0.3190,
0.3020

 75.1514, 0.3190,
0.3020


478.4378, 0.3162,
0.3142

 55.7369, 0.3196,
0.2993


126.5267, 0.3181,
0.3062

 39.9920, 0.3203,
0.2960


159.2562, 0.3177,
0.3078

 27.5323, 0.3212,
0.2919


197.1930, 0.3174,
0.3092

 17.9734, 0.3223,
0.2866

240.7212, 0.3171,
0.3104

 10.9309, 0.3238,
0.2796

290.2255, 0.3168,
0.3115

 6.0204, 0.3258,
0.2698

346.0900, 0.3166,

 2.8575, 0.3286,

0.3125

0.2552

408.6993, 0.3164,
0.3134

1.0578, 0.3328,
0.2312

0.0000, 0.3820,
0.0000

75.1514, 0.3190,
0.3020

75.1514, 0.3190,
0.3020

63.1208, 0.3245,
0.2815

89.1265, 0.3143,
0.3220

52.9378, 0.3307,
0.2610

98.6950, 0.3106,
0.3317

44.5121, 0.3376,
0.2412

98.8727, 0.3090,
0.3290

37.7419, 0.3451,
0.2232

■ 32.5148, 0.3531,
0.2080

■ 28.7047, 0.3613,
0.1965

■ 26.1650, 0.3695,
0.1896

■ 24.7177, 0.3773,
0.1874

■ 24.1996, 0.3822,
0.1879

Harmonies

Analogous

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



75.1514, 0.2969, 0.2933



75.1514, 0.3190, 0.3020



75.1514, 0.3400, 0.3174

Triad

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



75.1514, 0.3190, 0.3020



75.1514, 0.3462, 0.3654



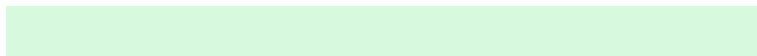
75.1514, 0.2734, 0.3198

Complementary

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



75.1514, 0.3190, 0.3020



87.4521, 0.3070, 0.3576

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.



75.1514, 0.2857, 0.3405



75.1514, 0.3190, 0.3020



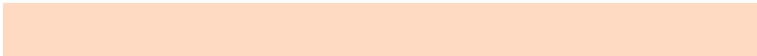
75.1514, 0.3275, 0.3676

Square

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



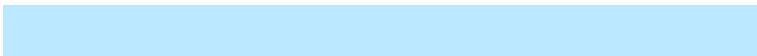
75.1514, 0.3190, 0.3020



75.1514, 0.3559, 0.3535



75.1514, 0.3054, 0.3584



75.1514, 0.2712, 0.3026

Rectangle

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



75.1514, 0.3190, 0.3020



75.1514, 0.3503, 0.3296



75.1514, 0.3054, 0.3584



75.1514, 0.2764, 0.3266

Sweetspot

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



75.1547, 0.3190, 0.3020



93.5295, 0.3144, 0.3212



70.9489, 0.2954, 0.2933



19.7669, 0.3148, 0.3198



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.



75.1547, 0.3190, 0.3020



76.1459, 0.3202, 0.2971



74.1922, 0.3306, 0.3187



17.4598, 0.3170, 0.3104



12.9794, 0.3810, 0.1873



1.2170, 0.3724, 0.1825

Inverse Universe

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



75.1547, 0.3190, 0.3020



76.1459, 0.3202, 0.2971



88.3972, 0.2975, 0.3396



17.4598, 0.3170, 0.3104



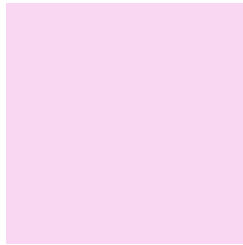
12.9794, 0.3810, 0.1873



1.2170, 0.3724, 0.1825

Previews

White Background



This preview shows how the Yxy color 75.1514, 0.3190, 0.3020 looks on a white background.

Color Contrast Check

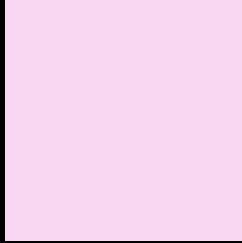
Large Text (above 18pt) WCAG AA × Fail

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 75.1514, 0.3190, 0.3020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

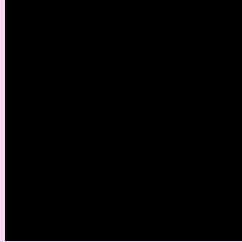
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.1514, 0.3190, 0.3020

Background



This preview shows how black text looks on a background with the Yxy color 75.1514, 0.3190, 0.3020.



This preview shows how white text looks on a background with the Yxy color 75.1514, 0.3190, 0.3020.

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

75.1514, 0.3190, 0.3020

Protanopia

75.1787, 0.2975, 0.3039

Deuteranopia

75.3646, 0.3124, 0.3065



Tritanopia

74.9514, 0.3244, 0.3118

Trichromacy



Original Color

75.1514, 0.3190, 0.3020

Protanomaly

74.9348, 0.3049, 0.3032

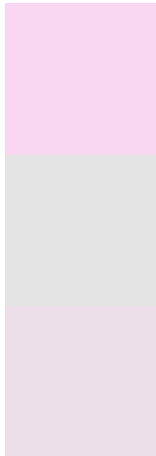
Deuteranomaly

75.5484, 0.3152, 0.3057

Tritanomaly

75.1243, 0.3223, 0.3088

Monochromacy



Original Color

75.1514, 0.3190, 0.3020

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.4914, 0.3153, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1514, 0.3190, 0.3020 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, 215, 242)` looks like.

```
.text, #text, p{  
    color:rgb(249, 215, 242)  
}
```

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, 215, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 215, 242) }
```

Border

The CSS property to change the border of an element to Yxy 75.1514, 0.3190, 0.3020 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, 215, 242) }
```

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

```
.border{ border-color:rgb(249, 215, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 215, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 215, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 215, 242);  
box-shadow:4px 4px 4px 4px rgb(249, 215,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1514, 0.3190, 0.3020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 215, 242) }
```

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

```
.background{ background-color: rgb(249,  
215, 242) }
```

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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