

Converting Colors

$Y_{xy}(75.5876, 0.3225, 0.3041)$

Have a look what the booklet for
Yxy(75.5876, 0.3225, 0.3041)
contains.

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Color

Yxy(75.5876, 0.3225, 0.3041)

Conversions

Conversions Part 1

Format	Color
Hex	FCD7F0
RGB	252, 215, 240
RGB Percent	99%, 84%, 94%
CMY	0.0120, 0.1568, 0.0588
CMYK	0.00, 0.15, 0.05, 0.01
HSL	319°, 86%, 92%
HSV	319°, 15%, 99%
XYZ	80.1611, 75.5876, 92.8129
YIQ	228.9130, 14.0270, 15.6190

Conversions

Conversions Part 2

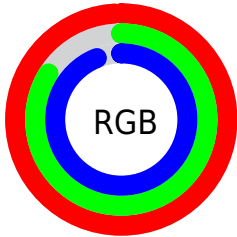
Format	Color
R _Y B	252, 215, 240
Decimal	16570352
CIE Lab	89.67, 16.94, -7.45
CIE LCh	90, 18.503, 336.267
Yxy	75.5876, 0.3225, 0.3041
Android (android.graphics.Color)	4294760432 (0xFFFC D7F0)
YUV	228.9130, 5.4659, 20.2473
Hunter-Lab	86.9411, 12.4329, -2.4355

Details

The Yxy color **75.5876, 0.3225, 0.3041** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **89.5836, 0.3041, 0.3553**, and the grayscale version is **78.2379, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.2044, 0.3245, 0.2984** is the 20% darker color. If you saturate the color by 10%, you get **63.2575, 0.3307, 0.2863**, and if you desaturate by 10%, it is **89.9219, 0.3156, 0.3213**.

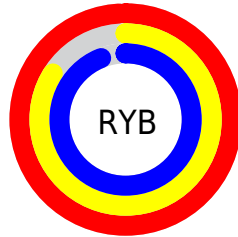
Distribution



Red (99%)

Green (84%)

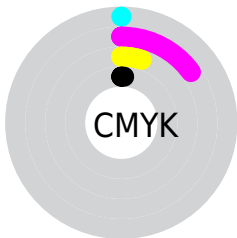
Blue (94%)



Red (99%)

Yellow (84%)

Blue (94%)

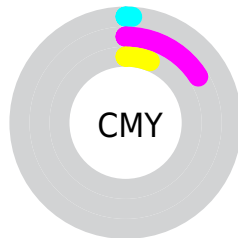


Cyan (0%)

Magenta (15%)

Yellow (5%)

Black (1%)



Cyan (1%)


Magenta (16%)


Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.5876, 0.3225, 0.3041 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 75.5876, 0.3225, 0.3041 by changing the saturation by 10% instead.

 75.5876, 0.3225,
0.3041

 75.5876, 0.3225,
0.3041


479.9348, 0.3181,
0.3153

 56.0944, 0.3235,
0.3016


127.1438, 0.3210,
0.3079

 40.2786, 0.3247,
0.2986


159.9756, 0.3204,
0.3094

 27.7558, 0.3261,
0.2948


198.0223, 0.3199,
0.3107

 18.1417, 0.3280,
0.2899

241.6685, 0.3195,
0.3119

 11.0518, 0.3305,
0.2834

291.2984, 0.3191,
0.3129

 6.1017, 0.3340,
0.2743

347.2965, 0.3187,

 2.9070, 0.3391,

0.3138

0.2608

410.0472, 0.3184,
0.3146

1.0834, 0.3475,
0.2385

0.0000, 0.4406,
0.0000

75.5876, 0.3225,
0.3041

75.5876, 0.3225,
0.3041

63.2575, 0.3307,
0.2863

89.9219, 0.3156,
0.3213

52.8313, 0.3402,
0.2685

99.4261, 0.3108,
0.3290

44.2148, 0.3510,
0.2513

37.3022, 0.3632,
0.2357

■ 31.9762, 0.3765,
0.2227

■ 28.1046, 0.3905,
0.2136

■ 25.5340, 0.4047,
0.2092

■ 24.0757, 0.4186,
0.2099

■ 23.6078, 0.4258,
0.2120

Harmonies

Analogous

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



75.5876, 0.3002, 0.2942



75.5876, 0.3225, 0.3041



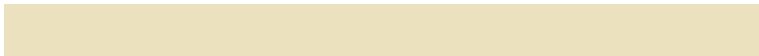
75.5876, 0.3427, 0.3202

Triad

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



75.5876, 0.3225, 0.3041



75.5876, 0.3437, 0.3664



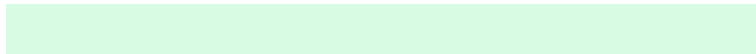
75.5876, 0.2724, 0.3167

Complementary

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



75.5876, 0.3225, 0.3041



89.5836, 0.3041, 0.3553

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.



75.5876, 0.2832, 0.3372



75.5876, 0.3225, 0.3041



75.5876, 0.3241, 0.3668

Square

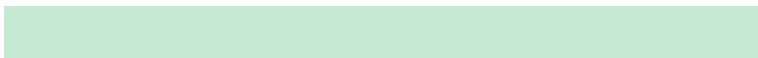
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



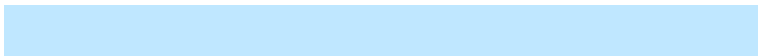
75.5876, 0.3225, 0.3041



75.5876, 0.3551, 0.3558



75.5876, 0.3020, 0.3560



75.5876, 0.2720, 0.3006

Rectangle

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



75.5876, 0.3225, 0.3041



75.5876, 0.3519, 0.3326



75.5876, 0.3020, 0.3560



75.5876, 0.2749, 0.3233

Sweetspot

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



75.5909, 0.3225, 0.3041



93.4533, 0.3151, 0.3224



71.9227, 0.2969, 0.2907



19.7476, 0.3156, 0.3211



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.



75.5909, 0.3225, 0.3041



73.2110, 0.3251, 0.2982



74.5616, 0.3353, 0.3222



17.4235, 0.3188, 0.3131



12.3313, 0.4236, 0.2107



1.1615, 0.4082, 0.2023

Inverse Universe

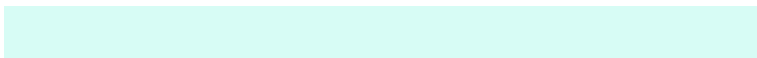
The Inverse Universe completely reimagines the original color for something new.



75.5909, 0.3225, 0.3041



73.2110, 0.3251, 0.2982



90.6434, 0.2940, 0.3359



17.4235, 0.3188, 0.3131



12.3313, 0.4236, 0.2107



1.1615, 0.4082, 0.2023

Previews

White Background



This preview shows how the Yxy color 75.5876, 0.3225, 0.3041 looks on a white background.

Color Contrast Check

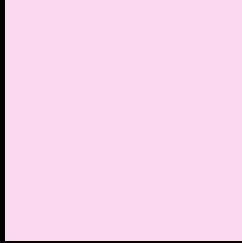
Large Text (above 18pt) WCAG AA × Fail

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 75.5876, 0.3225, 0.3041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

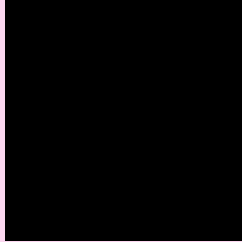
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.5876, 0.3225, 0.3041

Background



This preview shows how black text looks on a background with the Yxy color 75.5876, 0.3225, 0.3041.



This preview shows how white text looks on a background with the Yxy color 75.5876, 0.3225, 0.3041.

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

75.5876, 0.3225, 0.3041

Protanopia

75.8124, 0.2988, 0.3060

Deuteranopia

75.5958, 0.3151, 0.3086



Tritanopia

75.5042, 0.3266, 0.3119

Trichromacy



Original Color

75.5876, 0.3225, 0.3041

Protanomaly

75.7370, 0.3069, 0.3053

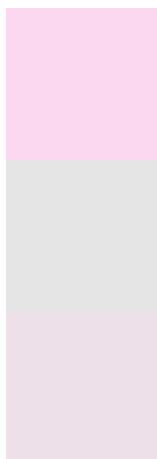
Deuteranomaly

75.7873, 0.3180, 0.3078

Tritanomaly

75.6771, 0.3245, 0.3090

Monochromacy



Original Color

75.5876, 0.3225, 0.3041

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.1990, 0.3159, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5876, 0.3225, 0.3041 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, 215, 240)` looks like.

```
.text, #text, p{  
    color:rgb(252, 215, 240)  
}
```

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, 215, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 215, 240) }
```

Border

The CSS property to change the border of an element to Yxy 75.5876, 0.3225, 0.3041 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, 215, 240) }
```

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

```
.border{ border-color:rgb(252, 215, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 215, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 215, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 215, 240);  
box-shadow:4px 4px 4px 4px rgb(252, 215,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5876, 0.3225, 0.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 215, 240) }
```

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

```
.background{ background-color: rgb(252,  
215, 240) }
```

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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