

Converting Colors

$Y_{xy}(87.8947, 0.3616, 0.3038)$

Have a look what the booklet for
Yxy(87.8947, 0.3616, 0.3038)
contains.

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Color

Yxy(75.8848, 0.3220, 0.2994)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6F4
RGB	255, 214, 244
RGB Percent	100%, 84%, 96%
CMY	0.0001, 0.1607, 0.0430
CMYK	0.00, 0.16, 0.04, 0.00
HSL	316°, 100%, 92%
HSV	316°, 16%, 100%
XYZ	81.6129, 75.8848, 95.9585
YIQ	229.6790, 14.8060, 18.0220

Conversions

Conversions Part 2

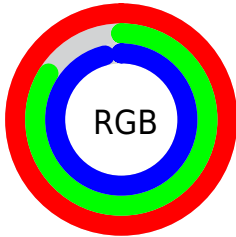
Format	Color
R_{YB}	255, 214, 244
Decimal	16766708
CIE _{Lab}	89.81, 19.18, -9.33
CIE _{LCh}	90, 21.325, 334.063
Yxy	75.8848, 0.3220, 0.2994
Android (android.graphics.Color)	4294956788 (0xFFFFD6F4)
YUV	229.6790, 7.0603, 22.2065
Hunter-Lab	87.1119, 14.7863, -4.3329

Details

The Yxy color **75.8848, 0.3220, 0.2994** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **91.2372, 0.3046, 0.3605**, and the grayscale version is **78.8215, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.4329, 0.3239, 0.2925** is the 20% darker color. If you saturate the color by 10%, you get **63.5692, 0.3291, 0.2802**, and if you desaturate by 10%, it is **90.2424, 0.3159, 0.3181**.

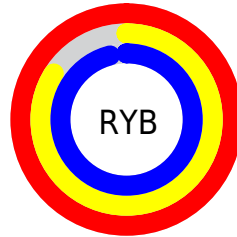
Distribution



Red (100%)

Green (84%)

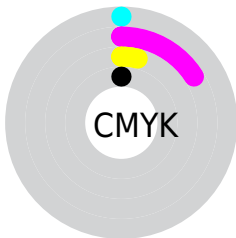
Blue (96%)



Red (100%)

Yellow (84%)

Blue (96%)

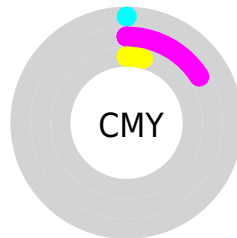


Cyan (0%)

Magenta (16%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.8848, 0.3220, 0.2994 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 75.8848, 0.3220, 0.2994 by changing the saturation by 10% instead.


 75.8848, 0.3220,
0.2994

 75.8848, 0.3220,
0.2994

480.9533, 0.3179,
0.3127

 56.3380, 0.3229,
0.2965

127.5641, 0.3206,
0.3039

 40.4740, 0.3240,
0.2929

160.4653, 0.3201,
0.3057

 27.9083, 0.3253,
0.2884


198.5869, 0.3196,
0.3072

 18.2566, 0.3270,
0.2828

242.3132, 0.3192,
0.3086

 11.1343, 0.3293,
0.2752

292.0286, 0.3188,
0.3098

 6.1573, 0.3323,
0.2647

348.1175, 0.3185,

 2.9409, 0.3367,

0.3109

0.2493

410.9642, 0.3182,
0.3118

■ 1.1010, 0.3435,
0.2243

■ 0.0000, 0.4159,
0.0000

■ 75.8848, 0.3220,
0.2994

■ 75.8848, 0.3220,
0.2994

■ 63.5692, 0.3291,
0.2802

■ 90.2424, 0.3159,
0.3181

■ 53.1918, 0.3372,
0.2612

99.9957, 0.3127,
0.3290

■ 44.6546, 0.3463,
0.2429

■ 37.8470, 0.3564,
0.2266

■ 32.6468, 0.3671,
0.2131

■ 28.9153, 0.3783,
0.2037

■ 26.4904, 0.3894,
0.1989

■ 25.1708, 0.4002,
0.1991

■ 24.8374, 0.4044,
0.2001

Harmonies

Analogous

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



75.8848, 0.2965, 0.2887



75.8848, 0.3220, 0.2994



75.8848, 0.3458, 0.3173

Triad

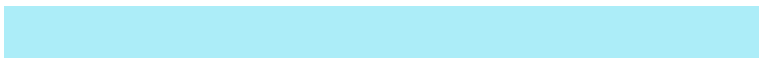
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.8848, 0.3220, 0.2994



75.8848, 0.3496, 0.3715



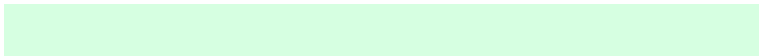
75.8848, 0.2671, 0.3163

Complementary

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



75.8848, 0.3220, 0.2994



91.2372, 0.3046, 0.3605

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.



75.8848, 0.2802, 0.3402



75.8848, 0.3220, 0.2994



75.8848, 0.3275, 0.3732

Square

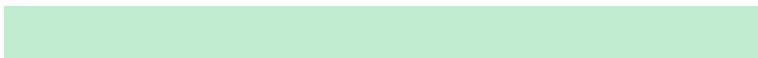
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.8848, 0.3220, 0.2994



75.8848, 0.3620, 0.3584



75.8848, 0.3021, 0.3616



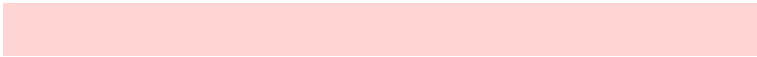
75.8848, 0.2656, 0.2974

Rectangle

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



75.8848, 0.3220, 0.2994



75.8848, 0.3570, 0.3314



75.8848, 0.3021, 0.3616



75.8848, 0.2702, 0.3241

Sweetspot

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



75.8881, 0.3220, 0.2994



91.9157, 0.3153, 0.3200



71.3145, 0.2938, 0.2865



19.4398, 0.3157, 0.3187



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.



75.8881, 0.3220, 0.2994



72.0821, 0.3240, 0.2938



74.7130, 0.3364, 0.3194



18.2126, 0.3179, 0.3117



13.0068, 0.4027, 0.1992



1.2846, 0.3912, 0.1929

Inverse Universe

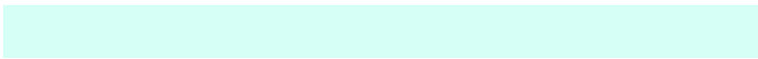
The Inverse Universe completely reimagines the original color for something new.



75.8881, 0.3220, 0.2994



72.0821, 0.3240, 0.2938



92.4215, 0.2934, 0.3388



18.2126, 0.3179, 0.3117



13.0068, 0.4027, 0.1992



1.2846, 0.3912, 0.1929

Previews

White Background



This preview shows how the Yxy color 75.8848, 0.3220, 0.2994 looks on a white background.

Color Contrast Check

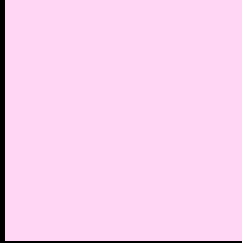
Large Text (above 18pt) WCAG AA × Fail

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 75.8848, 0.3220, 0.2994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

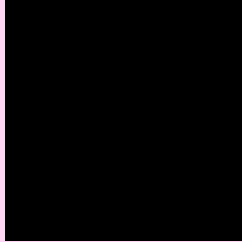
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.8848, 0.3220, 0.2994

Background



This preview shows how black text looks on a background with the Yxy color 75.8848, 0.3220, 0.2994.



This preview shows how white text looks on a background with the Yxy color 75.8848, 0.3220, 0.2994.

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

75.8848, 0.3220, 0.2994

Protanopia

75.9643, 0.2951, 0.3009

Deuteranopia

76.1827, 0.3117, 0.3056



Tritanopia

75.8776, 0.3280, 0.3120

Trichromacy



Original Color

75.8848, 0.3220, 0.2994

Protanomaly

75.6259, 0.3050, 0.3004

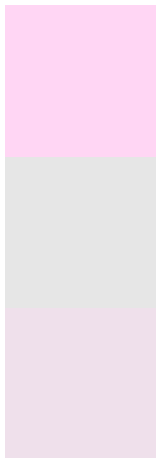
Deuteranomaly

76.0263, 0.3153, 0.3038

Tritanomaly

75.7861, 0.3261, 0.3071

Monochromacy



Original Color

75.8848, 0.3220, 0.2994

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

77.6602, 0.3160, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.8848, 0.3220, 0.2994 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(255, 214, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 244)  
}
```

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(255, 214, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 244) }
```

Border

The CSS property to change the border of an element to Yxy 75.8848, 0.3220, 0.2994 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(255, 214, 244) }
```

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

```
.border{ border-color:rgb(255, 214, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 75.8848, 0.3220, 0.2994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 244) }
```

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

```
.background{ background-color: rgb(255,  
214, 244) }
```

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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