

Converting Colors

$Y_{xy}(69.3003, 0.3220, 0.2864)$

Have a look what the booklet for
Yxy(69.3003, 0.3220, 0.2864)
contains.

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Color

Yxy(69.3758, 0.3222, 0.2863)

Conversions

Conversions Part 1

Format	Color
Hex	FEC9F4
RGB	254, 201, 244
RGB Percent	100%, 79%, 96%
CMY	0.0041, 0.2117, 0.0431
CMYK	0.00, 0.21, 0.04, 0.00
HSL	311°, 96%, 89%
HSV	311°, 21%, 100%
XYZ	78.0750, 69.3758, 94.8677
YIQ	221.7490, 17.7850, 24.6090

Conversions

Conversions Part 2

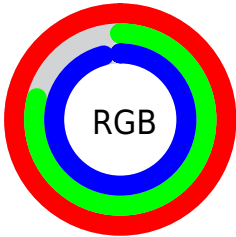
Format	Color
R_{YB}	254, 201, 244
Decimal	16697844
CIE _{Lab}	86.69, 25.64, -13.97
CIE _{LCh}	87, 29.199, 331.415
Yxy	69.3758, 0.3222, 0.2863
Android (android.graphics.Color)	4294887924 (0xFFFE _{C9F4})
YUV	221.7490, 10.9697, 28.2841
Hunter-Lab	83.2921, 21.5582, -9.2254

Details

The Yxy color **69.3758, 0.3222, 0.2863** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **87.9737, 0.3045, 0.3758**, and the grayscale version is **72.7723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.3686, 0.3241, 0.2771** is the 20% darker color. If you saturate the color by 10%, you get **58.2135, 0.3278, 0.2653**, and if you desaturate by 10%, it is **82.5090, 0.3173, 0.3072**.

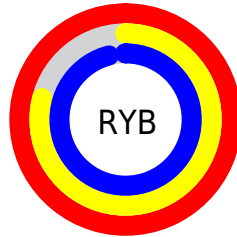
Distribution



Red (100%)

Green (79%)

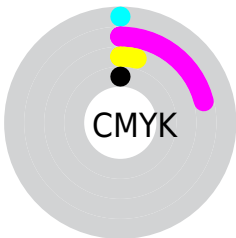
Blue (96%)



Red (100%)

Yellow (79%)

Blue (96%)

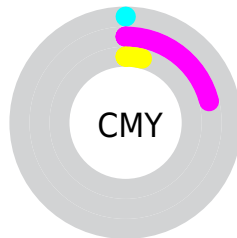


Cyan (0%)

Magenta (21%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (21%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.3758, 0.3222, 0.2863 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 69.3758, 0.3222, 0.2863 by changing the saturation by 10% instead.

 69.3758, 0.3222,
0.2863

 69.3758, 0.3222,
0.2863

458.3553, 0.3181,
0.3055

 51.0178, 0.3231,
0.2820

118.3182, 0.3208,
0.2929

 36.2228, 0.3241,
0.2769


149.6714, 0.3203,
0.2954

 24.6063, 0.3254,
0.2704


186.1251, 0.3198,
0.2977

 15.7840, 0.3270,
0.2621

228.0637, 0.3194,
0.2996

 9.3714, 0.3290,
0.2511

275.8716, 0.3190,
0.3014

 4.9842, 0.3316,
0.2359

329.9333, 0.3187,

 2.2380, 0.3350,

0.3029

0.2134

390.6330, 0.3184,
0.3043

0.7406, 0.3399,
0.1760

0.0000, 0.3246,
0.0000

69.3758, 0.3222,
0.2863

69.3758, 0.3222,
0.2863

58.2135, 0.3278,
0.2653

82.5090, 0.3173,
0.3072

48.9168, 0.3340,
0.2449

97.6934, 0.3130,
0.3274

41.3844, 0.3408,
0.2260

99.8011, 0.3121,
0.3290

35.5018, 0.3480,
0.2096

■ 31.1410, 0.3554,
0.1968

■ 28.1551, 0.3628,
0.1883

■ 26.3680, 0.3700,
0.1845

■ 25.5290, 0.3762,
0.1846

Harmonies

Analogous

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



69.3758, 0.2868, 0.2726



69.3758, 0.3222, 0.2863



69.3758, 0.3568, 0.3099

Triad

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



69.3758, 0.3222, 0.2863



69.3758, 0.3666, 0.3876



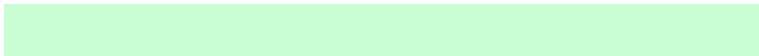
69.3758, 0.2502, 0.3132

Complementary

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



69.3758, 0.3222, 0.2863



87.9737, 0.3045, 0.3758

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.



69.3758, 0.2692, 0.3476



69.3758, 0.3222, 0.2863



69.3758, 0.3360, 0.3927

Square

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



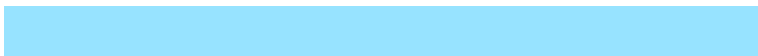
69.3758, 0.3222, 0.2863



69.3758, 0.3830, 0.3671



69.3758, 0.3004, 0.3780



69.3758, 0.2469, 0.2860

Rectangle

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



69.3758, 0.3222, 0.2863



69.3758, 0.3738, 0.3289



69.3758, 0.3004, 0.3780



69.3758, 0.2549, 0.3243

Sweetspot

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



69.3789, 0.3222, 0.2863



90.4399, 0.3152, 0.3170



62.7471, 0.2842, 0.2720



19.1450, 0.3154, 0.3157



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.



69.3789, 0.3222, 0.2863



65.1032, 0.3244, 0.2775



67.8975, 0.3417, 0.3120



18.2384, 0.3167, 0.3099



13.4861, 0.3751, 0.1840



1.3275, 0.3678, 0.1800

Inverse Universe

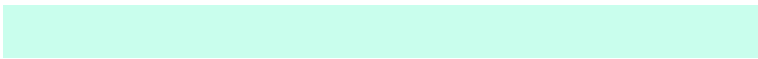
The Inverse Universe completely reimagines the original color for something new.



69.3789, 0.3222, 0.2863



65.1032, 0.3244, 0.2775



89.3976, 0.2903, 0.3468



18.2384, 0.3167, 0.3099



13.4861, 0.3751, 0.1840



1.3275, 0.3678, 0.1800

Previews

White Background



This preview shows how the Yxy color 69.3758, 0.3222, 0.2863 looks on a white background.

Color Contrast Check

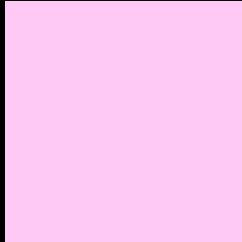
Large Text (above 18pt) WCAG AA × Fail

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 69.3758, 0.3222, 0.2863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

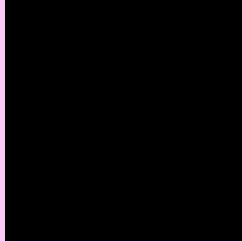
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.3758, 0.3222, 0.2863

Background



This preview shows how black text looks on a background with the Yxy color 69.3758, 0.3222, 0.2863.



This preview shows how white text looks on a background with the Yxy color 69.3758, 0.3222, 0.2863.

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

69.3758, 0.3222, 0.2863

Protanopia

69.9052, 0.2851, 0.2894

Deuteranopia

69.3302, 0.3035, 0.2963



Tritanopia

69.3923, 0.3364, 0.3127

Trichromacy



Original Color

69.3758, 0.3222, 0.2863

Protanomaly

69.6594, 0.2976, 0.2882

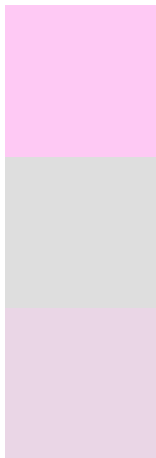
Deuteranomaly

69.1012, 0.3101, 0.2918

Tritanomaly

69.5383, 0.3314, 0.3037

Monochromacy



Original Color

69.3758, 0.3222, 0.2863

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

71.2987, 0.3164, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3758, 0.3222, 0.2863 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(254, 201, 244)` looks like.

```
.text, #text, p{  
    color:rgb(254, 201, 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(254, 201, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 201, 244) }
```

Border

The CSS property to change the border of an element to Yxy 69.3758, 0.3222, 0.2863 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(254, 201, 244) }
```

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

```
.border{ border-color:rgb(254, 201, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 201, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 201, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 201, 244);  
box-shadow:4px 4px 4px 4px rgb(254, 201,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3758, 0.3222, 0.2863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 201, 244) }
```

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

```
.background{ background-color: rgb(254,  
201, 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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