

Converting Colors

Yxy(68.4266, 0.3247, 0.2862)

Have a look what the booklet for
Yxy(68.4266, 0.3247, 0.2862)
contains.

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Color

Yxy(68.5177, 0.3246, 0.2863)

Conversions

Conversions Part 1

Format	Color
Hex	FFC7F2
RGB	255, 199, 242
RGB Percent	100%, 78%, 95%
CMY	0.0001, 0.2195, 0.0511
CMYK	0.00, 0.22, 0.05, 0.00
HSL	314°, 100%, 89%
HSV	314°, 22%, 100%
XYZ	77.6837, 68.5177, 93.1199
YIQ	220.6460, 19.5730, 25.2450

Conversions

Conversions Part 2

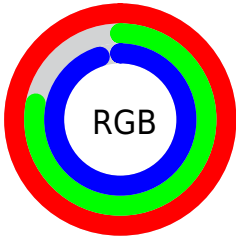
Format	Color
RYB	255, 199, 242
Decimal	16762866
CIELab	86.26, 26.69, -13.52
CIELCh	86, 29.919, 333.129
Yxy	68.5177, 0.3246, 0.2863
Android (android.graphics.Color)	4294952946 (0xFFFFC7F2)
YUV	220.6460, 10.5275, 30.1285
Hunter-Lab	82.7754, 22.6631, -8.7567

Details

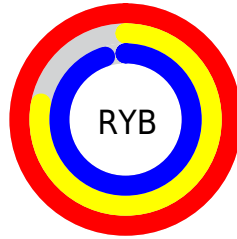
The Yxy color $68.5177, 0.3246, 0.2863$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $88.4092, 0.3027, 0.3759$, and the grayscale version is $71.9608, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.8017, 0.3272, 0.2771$ is the 20% darker color. If you saturate the color by 10%, you get $57.4023, 0.3314, 0.2663$, and if you desaturate by 10%, it is $81.6165, 0.3187, 0.3062$.

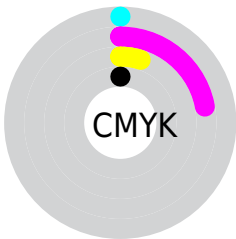
Distribution



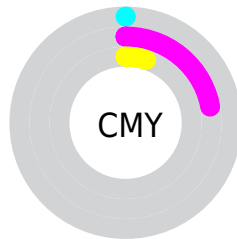
- Red (100%)
- Green (78%)
- Blue (95%)



- Red (100%)
- Yellow (78%)
- Blue (95%)



- Cyan (0%)
- Magenta (22%)
- Yellow (5%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.5177, 0.3246, 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 68.5177, 0.3246, 0.2863 by changing the saturation by 10% instead.

 68.5177, 0.3246,
0.2863

 68.5177, 0.3246,
0.2863


455.3281, 0.3194,
0.3055

 50.3190, 0.3257,
0.2820


117.0924, 0.3228,
0.2929

 35.6669, 0.3271,
0.2768


148.2373, 0.3221,
0.2955

 24.1771, 0.3288,
0.2703


184.4663, 0.3215,
0.2977

 15.4650, 0.3309,
0.2620

226.1640, 0.3210,
0.2997

 9.1464, 0.3336,
0.2509

273.7145, 0.3205,
0.3014

 4.8368, 0.3373,
0.2355


327.5025, 0.3201,


 2.1518, 0.3424,


0.3029


0.2127


387.9122, 0.3197,
0.3043


 0.6935, 0.3507,
0.1734


 0.0000, 0.3430,
0.0000


 68.5177, 0.3246,
0.2863

 68.5177, 0.3246,
0.2863

 57.4023, 0.3314,
0.2663


 81.6165, 0.3187,
0.3062

 48.1634, 0.3390,
0.2469

 96.7809, 0.3136,
0.3254

 40.6974, 0.3474,
0.2290

99.9972, 0.3127,
0.3290

 34.8874, 0.3565,
0.2137

■ 30.6022, 0.3659,
0.2019

■ 27.6906, 0.3753,
0.1946

■ 25.9704, 0.3845,
0.1921

■ 25.2311, 0.3917,
0.1931

Harmonies

Analogous

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



68.5177, 0.2879, 0.2716



68.5177, 0.3246, 0.2863



68.5177, 0.3598, 0.3109

Triad

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



68.5177, 0.3246, 0.2863



68.5177, 0.3666, 0.3900



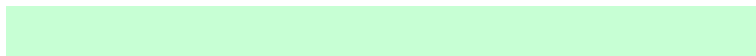
68.5177, 0.2478, 0.3107

Complementary

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



68.5177, 0.3246, 0.2863



88.4092, 0.3027, 0.3759

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.



68.5177, 0.2665, 0.3461



68.5177, 0.3246, 0.2863



68.5177, 0.3346, 0.3943

Square

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



68.5177, 0.3246, 0.2863



68.5177, 0.3846, 0.3695



68.5177, 0.2979, 0.3781



68.5177, 0.2454, 0.2835

Rectangle

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



68.5177, 0.3246, 0.2863



68.5177, 0.3768, 0.3306



68.5177, 0.2979, 0.3781



68.5177, 0.2523, 0.3221

Sweetspot

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



68.5207, 0.3246, 0.2863



88.8710, 0.3161, 0.3158



61.9427, 0.2837, 0.2688



18.8271, 0.3164, 0.3146



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.



68.5207, 0.3246, 0.2863



63.7936, 0.3272, 0.2782



67.0108, 0.3451, 0.3129



18.2239, 0.3174, 0.3109



13.2097, 0.3902, 0.1923



1.3029, 0.3807, 0.1871

Inverse Universe

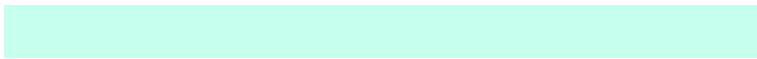
The Inverse Universe completely reimagines the original color for something new.



68.5207, 0.3246, 0.2863



63.7936, 0.3272, 0.2782



89.8943, 0.2882, 0.3458



18.2239, 0.3174, 0.3109



13.2097, 0.3902, 0.1923



1.3029, 0.3807, 0.1871

Previews

White Background



This preview shows how the Yxy color 68.5177, 0.3246, 0.2863 looks on a white background.

Color Contrast Check

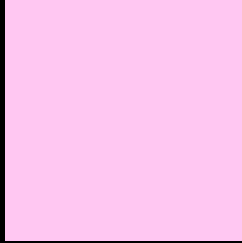
Large Text (above 18pt) WCAG AA × Fail

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 68.5177, 0.3246, 0.2863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

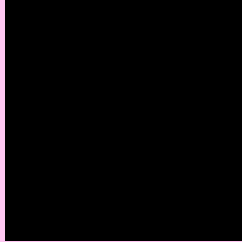
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.5177, 0.3246, 0.2863

Background



This preview shows how black text looks on a background with the Yxy color 68.5177, 0.3246, 0.2863.



This preview shows how white text looks on a background with the Yxy color 68.5177, 0.3246, 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

68.5177, 0.3246, 0.2863

Protanopia

68.6767, 0.2849, 0.2881

Deuteranopia

68.5532, 0.3041, 0.2972



Tritanopia

68.5218, 0.3390, 0.3127

Trichromacy



Original Color

68.5177, 0.3246, 0.2863

Protanomaly

68.5470, 0.2988, 0.2881

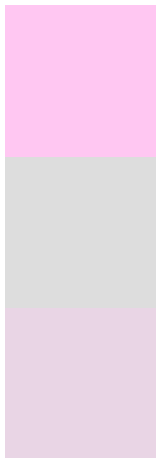
Deuteranomaly

68.4980, 0.3115, 0.2928

Tritanomaly

68.6698, 0.3339, 0.3037

Monochromacy



Original Color

68.5177, 0.3246, 0.2863

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

70.5693, 0.3164, 0.3121

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.5177, 0.3246, 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(255, 199, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 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(255, 199, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 242) }
```

Border

The CSS property to change the border of an element to Yxy 68.5177, 0.3246, 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(255, 199, 242) }
```

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

```
.border{ border-color:rgb(255, 199, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 68.5177, 0.3246, 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(255, 199, 242) }
```

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

```
.background{ background-color: rgb(255,  
199, 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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