

Converting Colors

Yxy(67.4952, 0.3224, 0.2847)

Have a look what the booklet for
Yxy(67.4952, 0.3224, 0.2847)
contains.

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Color

Yxy(67.4944, 0.3224, 0.2849)

Conversions

Conversions Part 1

Format	Color
Hex	FCC6F2
RGB	252, 198, 242
RGB Percent	99%, 78%, 95%
CMY	0.0116, 0.2236, 0.0508
CMYK	0.00, 0.21, 0.04, 0.01
HSL	311°, 90%, 88%
HSV	311°, 21%, 99%
XYZ	76.3784, 67.4944, 93.0328
YIQ	219.1620, 18.0600, 25.1320

Conversions

Conversions Part 2

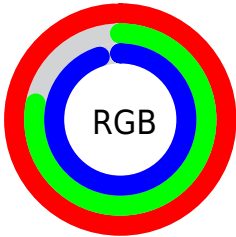
Format	Color
R _Y B	252, 198, 242
Decimal	16566002
CIE Lab	85.75, 26.26, -14.35
CIE LCh	86, 29.924, 331.353
Yxy	67.4944, 0.3224, 0.2849
Android (android.graphics.Color)	4294756082 (0xFFFC6F2)
YUV	219.1620, 11.2591, 28.7989
Hunter-Lab	82.1550, 22.1778, -9.6319

Details

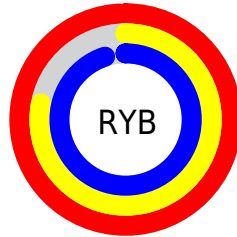
The Yxy color **67.4944, 0.3224, 0.2849** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.1989, 0.3043, 0.3775**, and the grayscale version is **70.8718, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.0938, 0.3243, 0.2753** is the 20% darker color. If you saturate the color by 10%, you get **56.6426, 0.3279, 0.2639**, and if you desaturate by 10%, it is **80.2762, 0.3175, 0.3059**.

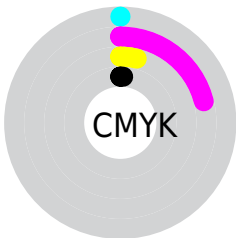
Distribution



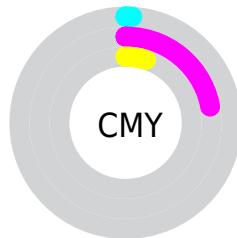
- Red (99%)
- Green (78%)
- Blue (95%)



- Red (99%)
- Yellow (78%)
- Blue (95%)



- Cyan (0%)
- Magenta (21%)
- Yellow (4%)
- Black (1%)




- Cyan (1%)
- Magenta (22%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.4944, 0.3224, 0.2849 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 67.4944, 0.3224, 0.2849 by changing the saturation by 10% instead.

 67.4944, 0.3224,
0.2849

 67.4944, 0.3224,
0.2849

451.7026, 0.3182,
0.3048

 49.4865, 0.3233,
0.2805


115.6286, 0.3210,
0.2917

 35.0056, 0.3244,
0.2751


146.5236, 0.3204,
0.2944

 23.6672, 0.3257,
0.2683


182.4832, 0.3200,
0.2967

 15.0869, 0.3273,
0.2596

223.8917, 0.3195,
0.2987

 8.8804, 0.3293,
0.2481

271.1334, 0.3191,
0.3005

 4.6633, 0.3320,
0.2321


324.5929, 0.3188,


 2.0511, 0.3354,

0.3021


0.2084


384.6545, 0.3185,
0.3035


 0.6369, 0.3416,
0.1655


 0.0000, 0.2834,
0.0000


 67.4944, 0.3224,
0.2849


 67.4944, 0.3224,
0.2849


 56.6426, 0.3279,
0.2639


 80.2762, 0.3175,
0.3059

 47.6171, 0.3341,
0.2435

 95.0673, 0.3133,
0.3261

 40.3179, 0.3408,
0.2246

 99.4415, 0.3109,
0.3290

 34.6319, 0.3479,
0.2084

■ 30.4325, 0.3553,
0.1958

■ 27.5742, 0.3625,
0.1875

■ 25.8820, 0.3695,
0.1839

■ 25.1290, 0.3752,
0.1841

Harmonies

Analogous

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



67.4944, 0.2858, 0.2708



67.4944, 0.3224, 0.2849



67.4944, 0.3582, 0.3092

Triad

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



67.4944, 0.3224, 0.2849



67.4944, 0.3684, 0.3895



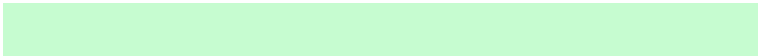
67.4944, 0.2481, 0.3126

Complementary

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



67.4944, 0.3224, 0.2849



86.1989, 0.3043, 0.3775

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.



67.4944, 0.2678, 0.3483



67.4944, 0.3224, 0.2849



67.4944, 0.3368, 0.3950

Square

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



67.4944, 0.3224, 0.2849



67.4944, 0.3854, 0.3682



67.4944, 0.3000, 0.3798



67.4944, 0.2447, 0.2845

Rectangle

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



67.4944, 0.3224, 0.2849



67.4944, 0.3759, 0.3288



67.4944, 0.3000, 0.3798



67.4944, 0.2530, 0.3241

Sweetspot

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



67.4974, 0.3224, 0.2849



90.4427, 0.3151, 0.3170



60.8082, 0.2833, 0.2702



19.1457, 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.



67.4974, 0.3224, 0.2849



63.9813, 0.3249, 0.2753



65.9961, 0.3428, 0.3115



17.4662, 0.3166, 0.3099



13.1066, 0.3741, 0.1835



1.2277, 0.3666, 0.1793

Inverse Universe

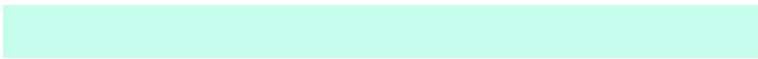
The Inverse Universe completely reimagines the original color for something new.



67.4974, 0.3224, 0.2849



63.9813, 0.3249, 0.2753



87.6390, 0.2897, 0.3473



17.4662, 0.3166, 0.3099



13.1066, 0.3741, 0.1835



1.2277, 0.3666, 0.1793

Previews

White Background



This preview shows how the Yxy color 67.4944, 0.3224, 0.2849 looks on a white background.

Color Contrast Check

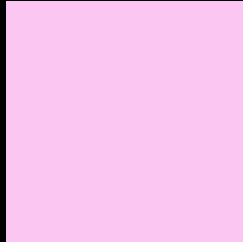
Large Text (above 18pt) WCAG AA × Fail

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 67.4944, 0.3224, 0.2849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

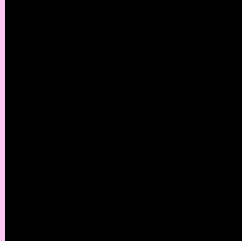
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.4944, 0.3224, 0.2849

Background



This preview shows how black text looks on a background with the Yxy color 67.4944, 0.3224, 0.2849.



This preview shows how white text looks on a background with the Yxy color 67.4944, 0.3224, 0.2849.

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

67.4944, 0.3224, 0.2849

Protanopia

67.8822, 0.2835, 0.2869

Deuteranopia

67.7395, 0.3027, 0.2960



Tritanopia

67.4428, 0.3376, 0.3125

Trichromacy



Original Color

67.4944, 0.3224, 0.2849



Protanomaly

67.5770, 0.2967, 0.2867



Deuteranomaly

67.5059, 0.3093, 0.2915



Tritanomaly

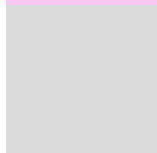
67.6433, 0.3317, 0.3025

Monochromacy



Original Color

67.4944, 0.3224, 0.2849



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

69.1235, 0.3165, 0.3120

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4944, 0.3224, 0.2849 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, 198, 242)` looks like.

```
.text, #text, p{  
    color:rgb(252, 198, 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(252, 198, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 198, 242) }
```

Border

The CSS property to change the border of an element to Yxy 67.4944, 0.3224, 0.2849 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, 198, 242) }
```

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

```
.border{ border-color:rgb(252, 198, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 198, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 198, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 198, 242);  
box-shadow:4px 4px 4px 4px rgb(252, 198,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4944, 0.3224, 0.2849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 198, 242) }
```

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

```
.background{ background-color: rgb(252,  
198, 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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