

Converting Colors

$Yxy(68.0370, 0.3196, 0.2777)$

Have a look what the booklet for
Yxy(68.0370, 0.3196, 0.2777)
contains.

Yxy(68.0321, 0.3197, 0.2777)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(68.0321, 0.3197, 0.2777)

Conversions

Conversions Part 1

Format	Color
Hex	FFC5F9
RGB	255, 197, 249
RGB Percent	100%, 77%, 98%
CMY	0.0000, 0.2275, 0.0235
CMYK	0.00, 0.23, 0.02, 0.00
HSL	306°, 100%, 89%
HSV	306°, 23%, 100%
XYZ	78.3214, 68.0321, 98.6306
YIQ	220.2700, 17.8760, 28.4680

Conversions

Conversions Part 2

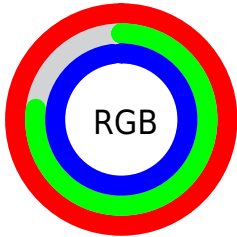
Format	Color
R _Y B	255, 197, 249
Decimal	16762361
CIE _{Lab}	86.02, 29.01, -17.61
CIE _{LCh}	86, 33.937, 328.734
Yxy	68.0321, 0.3197, 0.2777
Android (android.graphics.Color)	4294952441 (0xFFFFC5F9)
YUV	220.2700, 14.1639, 30.4582
Hunter-Lab	82.4816, 25.1542, -13.1613

Details

The Yxy color $68.0321, 0.3197, 0.2777$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $87.6984, 0.3064, 0.3863$, and the grayscale version is $71.6499, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.3636, 0.3128, 0.3281$, and $35.4565, 0.3216, 0.2675$ is the 20% darker color. If you saturate the color by 10%, you get $57.2447, 0.3233, 0.2549$, and if you desaturate by 10%, it is $80.7641, 0.3164, 0.3006$.

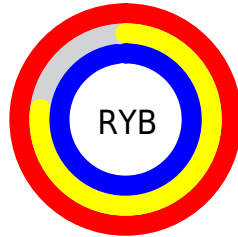
Distribution



Red (100%)

Green (77%)

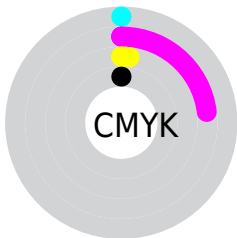
Blue (98%)



Red (100%)

Yellow (77%)

Blue (98%)

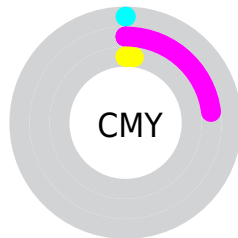


Cyan (0%)

Magenta (23%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.0321, 0.3197, 0.2777 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 68.0321, 0.3197, 0.2777 by changing the saturation by 10% instead.


 68.0321, 0.3197,
0.2777

 68.0321, 0.3197,
0.2777

453.6097, 0.3169,
0.3007

 49.9239, 0.3202,
0.2726

116.3981, 0.3188,
0.2855

 35.3529, 0.3209,
0.2665


147.4246, 0.3184,
0.2886

 23.9348, 0.3216,
0.2588


183.5259, 0.3181,
0.2913

 15.2853, 0.3225,
0.2491

225.0866, 0.3178,
0.2936

 9.0199, 0.3234,
0.2362

272.4909, 0.3175,
0.2957

 4.7541, 0.3243,
0.2185

326.1233, 0.3173,

 2.1037, 0.3250,

0.2975

0.1929

386.3681, 0.3171,
0.2992

0.6667, 0.3252,
0.1498

0.0000, 0.2780,
0.0000

68.0321, 0.3197,
0.2777

68.0321, 0.3197,
0.2777

57.2447, 0.3233,
0.2549

80.7641, 0.3164,
0.3006

48.3278, 0.3271,
0.2332

95.5567, 0.3135,
0.3230

41.1661, 0.3312,
0.2133

100.0000, 0.3127,
0.3290

35.6418, 0.3354,
0.1965

■ 31.6223, 0.3394,
0.1834

■ 28.9547, 0.3433,
0.1748

■ 27.4535, 0.3469,
0.1706

■ 26.8981, 0.3494,
0.1698

Harmonies

Analogous

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



68.0321, 0.2790, 0.2631



68.0321, 0.3197, 0.2777



68.0321, 0.3610, 0.3039

Triad

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



68.0321, 0.3197, 0.2777



68.0321, 0.3779, 0.3956



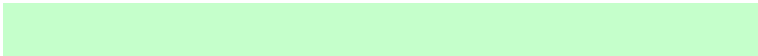
68.0321, 0.2414, 0.3134

Complementary

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



68.0321, 0.3197, 0.2777



87.6984, 0.3064, 0.3863

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.



68.0321, 0.2647, 0.3544



68.0321, 0.3197, 0.2777



68.0321, 0.3431, 0.4044

Square

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



68.0321, 0.3197, 0.2777



68.0321, 0.3955, 0.3699



68.0321, 0.3016, 0.3894



68.0321, 0.2360, 0.2807

Rectangle

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



68.0321, 0.3197, 0.2777



68.0321, 0.3822, 0.3254



68.0321, 0.3016, 0.3894



68.0321, 0.2473, 0.3267

Sweetspot

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



68.0240, 0.3197, 0.2777



89.0171, 0.3147, 0.3136



59.8101, 0.2778, 0.2655



18.8610, 0.3148, 0.3122



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.



68.0240, 0.3197, 0.2777



63.2114, 0.3211, 0.2680



66.3613, 0.3413, 0.3055



18.2661, 0.3154, 0.3080



14.0680, 0.3488, 0.1695



1.3787, 0.3452, 0.1676

Inverse Universe

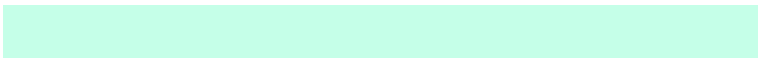
The Inverse Universe completely reimagines the original color for something new.



68.0240, 0.3197, 0.2777



63.2114, 0.3211, 0.2680



89.2022, 0.2909, 0.3539



18.2661, 0.3154, 0.3080



14.0680, 0.3488, 0.1695



1.3787, 0.3452, 0.1676

Previews

White Background



This preview shows how the Yxy color 68.0321, 0.3197, 0.2777 looks on a white background.

Color Contrast Check

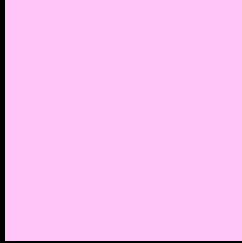
Large Text (above 18pt) WCAG AA × Fail

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 68.0321, 0.3197, 0.2777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

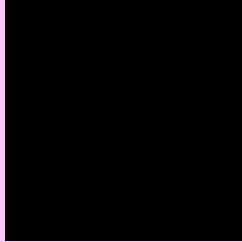
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.0321, 0.3197, 0.2777

Background



This preview shows how black text looks on a background with the Yxy color 68.0321, 0.3197, 0.2777.



This preview shows how white text looks on a background with the Yxy color 68.0321, 0.3197, 0.2777.

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

68.0321, 0.3197, 0.2777

Protanopia

68.5785, 0.2818, 0.2849

Deuteranopia

68.3382, 0.2967, 0.2898



Tritanopia

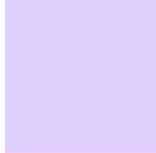
67.8122, 0.3391, 0.3126

Trichromacy



Original Color

68.0321, 0.3197, 0.2777



Protanomaly

68.0509, 0.2942, 0.2819



Deuteranomaly

67.9324, 0.3046, 0.2846



Tritanomaly

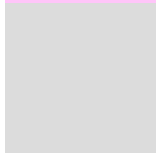
67.6611, 0.3318, 0.2996

Monochromacy



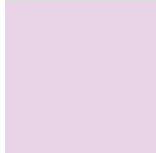
Original Color

68.0321, 0.3197, 0.2777



Achromatopsia

71.5694, 0.3127, 0.3290



Achromatomaly

70.1801, 0.3151, 0.3090

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0321, 0.3197, 0.2777 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, 197, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 249)  
}
```

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, 197, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 249) }
```

Border

The CSS property to change the border of an element to Yxy 68.0321, 0.3197, 0.2777 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, 197, 249) }
```

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

```
.border{ border-color:rgb(255, 197, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 197, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0321, 0.3197, 0.2777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 249) }
```

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

```
.background{ background-color: rgb(255,  
197, 249) }
```

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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