

Converting Colors

$Yxy(67.6926, 0.3294, 0.2914)$

Have a look what the booklet for
Yxy(67.6926, 0.3294, 0.2914)
contains.

Yxy(67.7043, 0.3291, 0.2910)	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(67.7043, 0.3291, 0.2910)

Conversions

Conversions Part 1

Format	Color
Hex	FFC6EC
RGB	255, 198, 236
RGB Percent	100%, 78%, 93%
CMY	0.0001, 0.2235, 0.0745
CMYK	0.00, 0.22, 0.07, 0.00
HSL	320°, 100%, 89%
HSV	320°, 22%, 100%
XYZ	76.5687, 67.7043, 88.3878
YIQ	219.3750, 21.7740, 23.9020

Conversions

Conversions Part 2

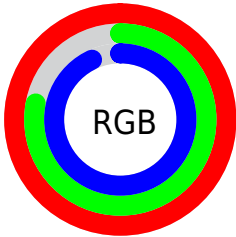
Format	Color
R _Y B	255, 198, 236
Decimal	16762604
CIE Lab	85.86, 26.19, -10.95
CIE LCh	86, 28.390, 337.309
Yxy	67.7043, 0.3291, 0.2910
Android (android.graphics.Color)	4294952684 (0xFFFFC6EC)
YUV	219.3750, 8.1961, 31.2431
Hunter-Lab	82.2826, 22.1098, -6.0914

Details

The Yxy color $67.7043, 0.3291, 0.2910$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $88.5253, 0.2994, 0.3703$, and the grayscale version is $71.0441, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.2476, 0.3332, 0.2830$ is the 20% darker color. If you saturate the color by 10%, you get $56.5323, 0.3386, 0.2734$, and if you desaturate by 10%, it is $80.8679, 0.3210, 0.3084$.

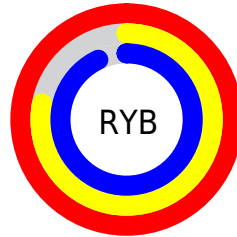
Distribution



Red (100%)

Green (78%)

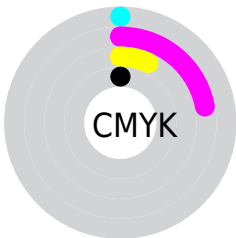
Blue (93%)



Red (100%)

Yellow (78%)

Blue (93%)

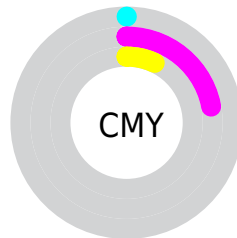


Cyan (0%)

Magenta (22%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.7043, 0.3291, 0.2910 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 67.7043, 0.3291, 0.2910 by changing the saturation by 10% instead.

67.7043, 0.3291,
0.2910

67.7043, 0.3291,
0.2910

452.4476, 0.3217,
0.3082

49.6572, 0.3308,
0.2871

115.9290, 0.3266,
0.2969

35.1411, 0.3328,
0.2824

146.8754, 0.3256,
0.2992

23.7716, 0.3353,
0.2765

182.8904, 0.3247,
0.3012

15.1643, 0.3385,
0.2689

224.3584, 0.3240,
0.3030

8.9348, 0.3429,
0.2587

271.6637, 0.3233,
0.3045

4.6987, 0.3489,
0.2444

325.1907, 0.3227,

2.0716, 0.3579,

0.3059

0.2231

385.3239, 0.3222,
0.3071

0.6486, 0.3748,
0.1831

0.0000, 0.4332,
0.0000

67.7043, 0.3291,
0.2910

67.7043, 0.3291,
0.2910

56.5323, 0.3386,
0.2734

80.8679, 0.3210,
0.3084

47.2444, 0.3495,
0.2561

96.1058, 0.3142,
0.3252

39.7366, 0.3618,
0.2403

99.9964, 0.3127,
0.3290

33.8911, 0.3753,
0.2268

■ 29.5760, 0.3896,
0.2169

■ 26.6388, 0.4044,
0.2115

■ 24.8956, 0.4190,
0.2113

■ 24.1594, 0.4299,
0.2142

Harmonies

Analogous

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



67.7043, 0.2937, 0.2753



67.7043, 0.3291, 0.2910



67.7043, 0.3615, 0.3156

Triad

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



67.7043, 0.3291, 0.2910



67.7043, 0.3605, 0.3888



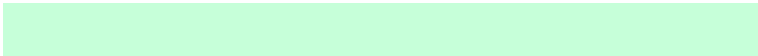
67.7043, 0.2494, 0.3075

Complementary

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



67.7043, 0.3291, 0.2910



88.5253, 0.2994, 0.3703

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.



67.7043, 0.2653, 0.3405



67.7043, 0.3291, 0.2910



67.7043, 0.3289, 0.3901

Square

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



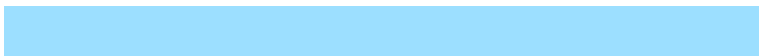
67.7043, 0.3291, 0.2910



67.7043, 0.3799, 0.3712



67.7043, 0.2940, 0.3720



67.7043, 0.2494, 0.2830

Rectangle

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



67.7043, 0.3291, 0.2910



67.7043, 0.3761, 0.3347



67.7043, 0.2940, 0.3720



67.7043, 0.2530, 0.3179

Sweetspot

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



67.7073, 0.3291, 0.2910



88.7581, 0.3172, 0.3175



62.2207, 0.2871, 0.2683



18.8009, 0.3176, 0.3165



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.



67.7073, 0.3291, 0.2910



62.2706, 0.3333, 0.2828



66.2279, 0.3503, 0.3184



18.1914, 0.3189, 0.3133



12.6548, 0.4276, 0.2129



1.2525, 0.4123, 0.2045

Inverse Universe

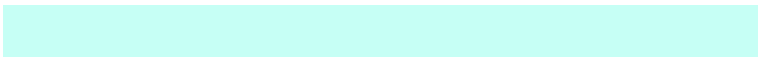
The Inverse Universe completely reimagines the original color for something new.



67.7073, 0.3291, 0.2910



62.2706, 0.3333, 0.2828



90.0801, 0.2848, 0.3400



18.1914, 0.3189, 0.3133



12.6548, 0.4276, 0.2129



1.2525, 0.4123, 0.2045

Previews

White Background



This preview shows how the Yxy color 67.7043, 0.3291, 0.2910 looks on a white background.

Color Contrast Check

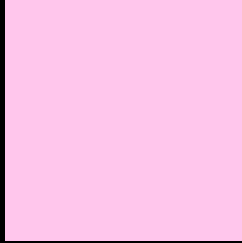
Large Text (above 18pt) WCAG AA × Fail

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 67.7043, 0.3291, 0.2910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

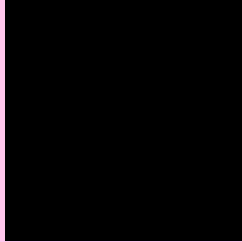
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.7043, 0.3291, 0.2910

Background



This preview shows how black text looks on a background with the Yxy color 67.7043, 0.3291, 0.2910.



This preview shows how white text looks on a background with the Yxy color 67.7043, 0.3291, 0.2910.

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

67.7043, 0.3291, 0.2910

Protanopia

67.9440, 0.2892, 0.2932

Deuteranopia

67.8723, 0.3088, 0.3023



Tritanopia

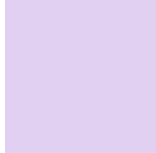
67.4785, 0.3408, 0.3126

Trichromacy



Original Color

67.7043, 0.3291, 0.2910



Protanomaly

67.6913, 0.3028, 0.2930



Deuteranomaly

67.6653, 0.3157, 0.2977



Tritanomaly

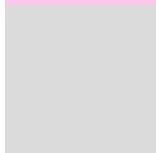
67.5730, 0.3364, 0.3046

Monochromacy



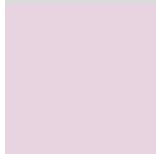
Original Color

67.7043, 0.3291, 0.2910



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

69.1806, 0.3186, 0.3141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.7043, 0.3291, 0.2910 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, 198, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 236)  
}
```

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, 198, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 236) }
```

Border

The CSS property to change the border of an element to Yxy 67.7043, 0.3291, 0.2910 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, 198, 236) }
```

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

```
.border{ border-color:rgb(255, 198, 236) }
```

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

Here you see how a box with a 4 pixel rgb(255, 198, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 67.7043, 0.3291, 0.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 236) }
```

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

```
.background{ background-color: rgb(255,  
198, 236) }
```

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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