

Converting Colors

$Y_{xy}(69.2840, 0.3213, 0.2832)$

Have a look what the booklet for
Yxy(69.2840, 0.3213, 0.2832)
contains.

Yxy(69.2224, 0.3216, 0.2835)	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(69.2224, 0.3216, 0.2835)

Conversions

Conversions Part 1

Format	Color
Hex	FFC8F6
RGB	255, 200, 246
RGB Percent	100%, 78%, 96%
CMY	0.0001, 0.2156, 0.0352
CMYK	0.00, 0.22, 0.04, 0.00
HSL	310°, 100%, 89%
HSV	310°, 22%, 100%
XYZ	78.5253, 69.2224, 96.4230
YIQ	221.6890, 18.0140, 25.9660

Conversions

Conversions Part 2

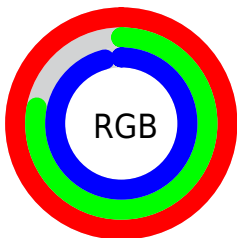
Format	Color
R _Y B	255, 200, 246
Decimal	16763126
CIE Lab	86.61, 26.86, -15.14
CIE LCh	87, 30.837, 330.597
Yxy	69.2224, 0.3216, 0.2835
Android (android.graphics.Color)	4294953206 (0xFFFFC8F6)
YUV	221.6890, 11.9853, 29.2137
Hunter-Lab	83.2000, 22.8708, -10.4730

Details

The Yxy color **69.2224, 0.3216, 0.2835** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.3919, 0.3049, 0.3792**, and the grayscale version is **72.7222, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.2812, 0.3232, 0.2736** is the 20% darker color. If you saturate the color by 10%, you get **58.1298, 0.3266, 0.2620**, and if you desaturate by 10%, it is **82.2963, 0.3172, 0.3050**.

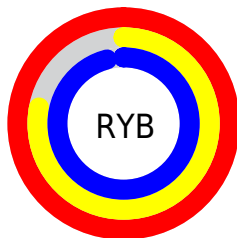
Distribution



Red (100%)

Green (78%)

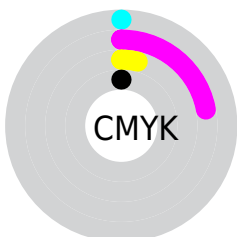
Blue (96%)



Red (100%)

Yellow (78%)

Blue (96%)

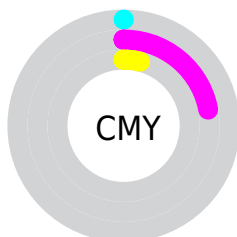


Cyan (0%)

Magenta (22%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (22%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.2224, 0.3216, 0.2835 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 69.2224, 0.3216, 0.2835 by changing the saturation by 10% instead.


 69.2224, 0.3216,
0.2835

 69.2224, 0.3216,
0.2835


457.8150, 0.3178,
0.3039

 50.8929, 0.3224,
0.2790


118.0992, 0.3203,
0.2905

 36.1233, 0.3233,
0.2735


149.4152, 0.3198,
0.2932

 24.5295, 0.3245,
0.2666

185.8288, 0.3194,
0.2956

 15.7268, 0.3258,
0.2579

227.7245, 0.3190,
0.2977

 9.3311, 0.3276,
0.2463

275.4865, 0.3187,
0.2995

 4.9578, 0.3297,
0.2303

329.4993, 0.3184,

 2.2225, 0.3324,

0.3011

0.2069

390.1474, 0.3181,
0.3026

0.7322, 0.3358,
0.1682

0.0000, 0.3154,
0.0000

69.2224, 0.3216,
0.2835

69.2224, 0.3216,
0.2835

58.1298, 0.3266,
0.2620

82.2963, 0.3172,
0.3050

48.9117, 0.3322,
0.2411

97.4333, 0.3133,
0.3258

41.4652, 0.3381,
0.2220

99.9966, 0.3127,
0.3290

35.6739, 0.3444,
0.2055

■ 31.4073, 0.3508,
0.1926

■ 28.5152, 0.3572,
0.1841

■ 26.8171, 0.3632,
0.1803

■ 26.0806, 0.3680,
0.1801

Harmonies

Analogous

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



69.2224, 0.2843, 0.2694



69.2224, 0.3216, 0.2835



69.2224, 0.3584, 0.3080

Triad

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



69.2224, 0.3216, 0.2835



69.2224, 0.3703, 0.3904



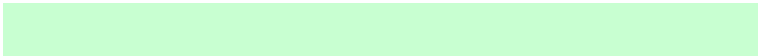
69.2224, 0.2471, 0.3130

Complementary

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



69.2224, 0.3216, 0.2835



88.3919, 0.3049, 0.3792

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.



69.2224, 0.2676, 0.3497



69.2224, 0.3216, 0.2835



69.2224, 0.3382, 0.3966

Square

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



69.2224, 0.3216, 0.2835



69.2224, 0.3872, 0.3682



69.2224, 0.3006, 0.3817



69.2224, 0.2432, 0.2841

Rectangle

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



69.2224, 0.3216, 0.2835



69.2224, 0.3768, 0.3279



69.2224, 0.3006, 0.3817



69.2224, 0.2522, 0.3249

Sweetspot

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



69.2254, 0.3216, 0.2835



90.4640, 0.3149, 0.3167



61.9802, 0.2818, 0.2696



19.1507, 0.3152, 0.3153



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.



69.2254, 0.3216, 0.2835



64.0692, 0.3238, 0.2739



67.6984, 0.3416, 0.3095



18.2465, 0.3163, 0.3093



13.6488, 0.3671, 0.1796



1.3419, 0.3609, 0.1762

Inverse Universe

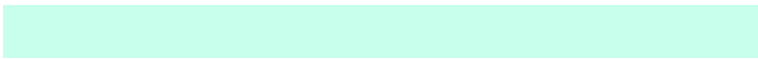
The Inverse Universe completely reimagines the original color for something new.



69.2254, 0.3216, 0.2835



64.0692, 0.3238, 0.2739



89.8307, 0.2905, 0.3494



18.2465, 0.3163, 0.3093



13.6488, 0.3671, 0.1796



1.3419, 0.3609, 0.1762

Previews

White Background



This preview shows how the Yxy color 69.2224, 0.3216, 0.2835 looks on a white background.

Color Contrast Check

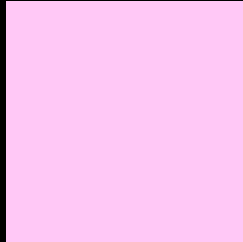
Large Text (above 18pt) WCAG AA × Fail

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 69.2224, 0.3216, 0.2835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

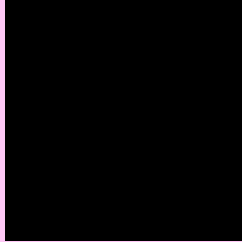
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.2224, 0.3216, 0.2835

Background



This preview shows how black text looks on a background with the Yxy color 69.2224, 0.3216, 0.2835.



This preview shows how white text looks on a background with the Yxy color 69.2224, 0.3216, 0.2835.

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

69.2224, 0.3216, 0.2835

Protanopia

69.3762, 0.2832, 0.2862

Deuteranopia

69.2889, 0.3014, 0.2942



Tritanopia

69.3392, 0.3372, 0.3137

Trichromacy



Original Color

69.2224, 0.3216, 0.2835



Protanomaly

69.2902, 0.2963, 0.2852



Deuteranomaly

69.2227, 0.3087, 0.2899



Tritanomaly

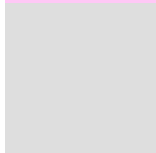
69.0645, 0.3315, 0.3027

Monochromacy



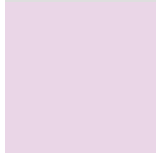
Original Color

69.2224, 0.3216, 0.2835



Achromatopsia

73.0461, 0.3127, 0.3290



Achromatomaly

71.3551, 0.3157, 0.3112

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2224, 0.3216, 0.2835 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, 200, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 246)  
}
```

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, 200, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 246) }
```

Border

The CSS property to change the border of an element to Yxy 69.2224, 0.3216, 0.2835 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, 200, 246) }
```

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

```
.border{ border-color:rgb(255, 200, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2224, 0.3216, 0.2835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 246) }
```

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

```
.background{ background-color: rgb(255,  
200, 246) }
```

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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