

Converting Colors

Yxy(69.8214, 0.3214, 0.3012)

Have a look what the booklet for
Yxy(69.8214, 0.3214, 0.3012)
contains.

| | |
|-------------------------------------------|----|
| Yxy(69.7993, 0.3215, 0.3013) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(69.7993, 0.3215, 0.3013)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F4CFEA |
| RGB | 244, 207, 234 |
| RGB Percent | 96%, 81%, 92% |
| CMY | 0.0430, 0.1883, 0.0824 |
| CMYK | 0.00, 0.15, 0.04, 0.04 |
| HSL | 316°, 63%, 88% |
| HSV | 316°, 15%, 96% |
| XYZ | 74.4788, 69.7993, 87.3823 |
| YIQ | 221.1410, 13.3850, 16.2410 |

Conversions

Conversions Part 2

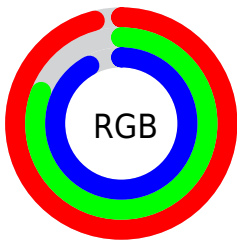
| Format | Color |
|-------------------------------------|---------------------------------------------------------------|
| RYB | 244, 207, 234 |
| Decimal | 16044010 |
| CIELab | 86.90, 17.44, -8.45 |
| CIELCh | 87, 19.377, 334.150 |
| Yxy | 69.7993, 0.3215, 0.3013 |
| Android (android.graphics.Color) | 4294234090 (0xFFFF4CFEA) |
| YUV | 221.1410, 6.3395, 20.0473 |
| Hunter-Lab | 83.5460, 12.9222, -3.5304 |

Details

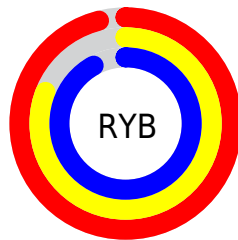
The Yxy color $69.7993, 0.3215, 0.3013$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $82.9961, 0.3049, 0.3584$, and the grayscale version is $72.3616, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.6882, 0.3241, 0.2960$ is the 20% darker color. If you saturate the color by 10%, you get $58.5048, 0.3285, 0.2823$, and if you desaturate by 10%, it is $82.9414, 0.3155, 0.3198$.

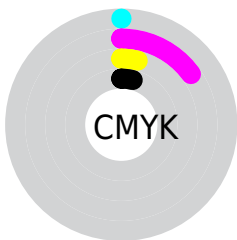
Distribution



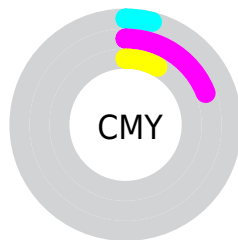
- Red (96%)
- Green (81%)
- Blue (92%)



- Red (96%)
- Yellow (81%)
- Blue (92%)



- Cyan (0%)
- Magenta (15%)
- Yellow (4%)
- Black (4%)




- Cyan (4%)
- Magenta (19%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.7993, 0.3215, 0.3013 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 69.7993, 0.3215, 0.3013 by changing the saturation by 10% instead.

 69.7993, 0.3215,
0.3013

 69.7993, 0.3215,
0.3013


459.8450, 0.3175,
0.3139

 51.3629, 0.3224,
0.2985


118.9225, 0.3201,
0.3056

 36.4975, 0.3235,
0.2950


150.3781, 0.3196,
0.3073

 24.8187, 0.3248,
0.2906


186.9423, 0.3192,
0.3088

 15.9420, 0.3265,
0.2849

228.9994, 0.3188,
0.3101

 9.4831, 0.3288,
0.2773

276.9338, 0.3184,
0.3112

 5.0576, 0.3320,
0.2665


331.1299, 0.3181,


 2.2811, 0.3367,


0.3122


0.2502


391.9722, 0.3178,
0.3131

 0.7637, 0.3449,
0.2212


 0.0000, 0.3142,
0.0000


 69.7993, 0.3215,
0.3013


 69.7993, 0.3215,
0.3013


 58.5048, 0.3285,
0.2823

 82.9414, 0.3155,
0.3198


 48.9650, 0.3366,
0.2633

 97.4876, 0.3104,
0.3366

 41.0926, 0.3458,
0.2451

 97.9038, 0.3066,
0.3301

 34.7891, 0.3559,
0.2286

 97.9786, 0.3060,
0.3290

■ 29.9458, 0.3667,
0.2149

■ 26.4399, 0.3780,
0.2051

■ 24.1285, 0.3894,
0.1999

■ 22.8354, 0.4004,
0.1996

■ 22.4484, 0.4056,
0.2008

Harmonies

Analogous

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



69.7993, 0.2977, 0.2912



69.7993, 0.3215, 0.3013



69.7993, 0.3436, 0.3181

Triad

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



69.7993, 0.3215, 0.3013



69.7993, 0.3472, 0.3688



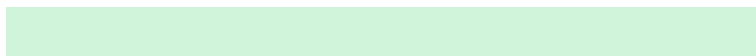
69.7993, 0.2699, 0.3172

Complementary

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



69.7993, 0.3215, 0.3013



82.9961, 0.3049, 0.3584

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.



69.7993, 0.2822, 0.3394



69.7993, 0.3215, 0.3013



69.7993, 0.3265, 0.3701

Square

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



69.7993, 0.3215, 0.3013



69.7993, 0.3587, 0.3566



69.7993, 0.3028, 0.3593



69.7993, 0.2686, 0.2994

Rectangle

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



69.7993, 0.3215, 0.3013



69.7993, 0.3541, 0.3313



69.7993, 0.3028, 0.3593



69.7993, 0.2729, 0.3244

Sweetspot

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



69.8024, 0.3215, 0.3013



91.9126, 0.3154, 0.3201



65.8893, 0.2950, 0.2891



19.4390, 0.3158, 0.3188



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.



69.8024, 0.3215, 0.3013



73.3545, 0.3234, 0.2959



68.8014, 0.3348, 0.3200



16.6871, 0.3180, 0.3119



12.2268, 0.4039, 0.1999



1.0918, 0.3911, 0.1928

Inverse Universe

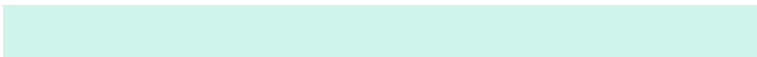
The Inverse Universe completely reimagines the original color for something new.



69.8024, 0.3215, 0.3013



73.3545, 0.3234, 0.2959



84.0053, 0.2945, 0.3382



16.6871, 0.3180, 0.3119



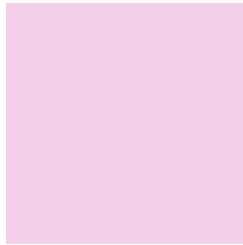
12.2268, 0.4039, 0.1999



1.0918, 0.3911, 0.1928

Previews

White Background



This preview shows how the Yxy color 69.7993, 0.3215, 0.3013 looks on a white background.

Color Contrast Check

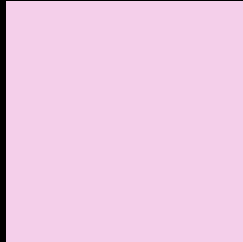
Large Text (above 18pt) WCAG AA × Fail

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 69.7993, 0.3215, 0.3013 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 69.7993, 0.3215, 0.3013

Background



This preview shows how black text looks on a background with the Yxy color 69.7993, 0.3215, 0.3013.



This preview shows how white text looks on a background with the Yxy color 69.7993, 0.3215, 0.3013.

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

69.7993, 0.3215, 0.3013

Protanopia

69.8501, 0.2964, 0.3031

Deuteranopia

70.1260, 0.3130, 0.3069



Tritanopia

70.0919, 0.3270, 0.3124

Trichromacy



Original Color

69.7993, 0.3215, 0.3013

Protanomaly

69.9303, 0.3053, 0.3025

Deuteranomaly

69.8092, 0.3161, 0.3050

Tritanomaly

69.7679, 0.3249, 0.3083

Monochromacy



Original Color

69.7993, 0.3215, 0.3013

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.2607, 0.3154, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.7993, 0.3215, 0.3013 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(244, 207, 234)` looks like.

```
.text, #text, p{  
    color:rgb(244, 207, 234)  
}
```

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(244, 207, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 207, 234) }
```

Border

The CSS property to change the border of an element to Yxy 69.7993, 0.3215, 0.3013 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(244, 207, 234) }
```

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

```
.border{ border-color:rgb(244, 207, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 207, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 207, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 207, 234);  
box-shadow:4px 4px 4px 4px rgb(244, 207,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 69.7993, 0.3215, 0.3013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 207, 234) }
```

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

```
.background{ background-color: rgb(244,  
207, 234) }
```

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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