

Converting Colors

Yxy(69.5704, 0.3167, 0.2963)

Have a look what the booklet for
Yxy(69.5704, 0.3167, 0.2963)
contains.

Yxy(69.7349, 0.3165, 0.2962)	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(69.7349, 0.3165, 0.2962)

Conversions

Conversions Part 1

Format	Color
Hex	F2CFEF
RGB	242, 207, 239
RGB Percent	95%, 81%, 94%
CMY	0.0509, 0.1882, 0.0628
CMYK	0.00, 0.14, 0.01, 0.05
HSL	305°, 57%, 88%
HSV	305°, 14%, 95%
XYZ	74.5142, 69.7349, 91.1827
YIQ	221.1130, 10.5880, 17.3720

Conversions

Conversions Part 2

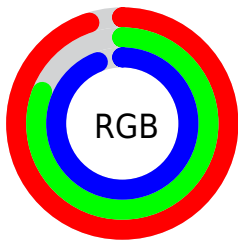
Format	Color
R_{YB}	242, 207, 239
Decimal	15912943
CIE _{Lab}	86.87, 17.65, -11.16
CIE _{LCh}	87, 20.880, 327.693
Yxy	69.7349, 0.3165, 0.2962
Android (android.graphics.Color)	4294103023 (0xFF2CFEF)
YUV	221.1130, 8.8183, 18.3179
Hunter-Lab	83.5074, 13.1386, -6.2842

Details

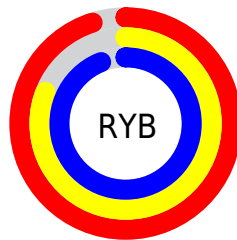
The Yxy color $69.7349, 0.3165, 0.2962$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $81.4375, 0.3091, 0.3642$, and the grayscale version is $72.3240, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.6405, 0.3175, 0.2895$ is the 20% darker color. If you saturate the color by 10%, you get $58.7727, 0.3195, 0.2730$, and if you desaturate by 10%, it is $82.5021, 0.3138, 0.3191$.

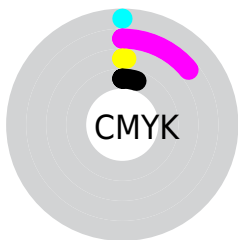
Distribution



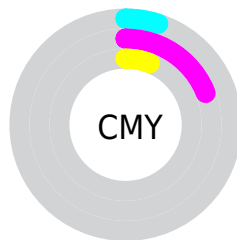
- Red (95%)
- Green (81%)
- Blue (94%)



- Red (95%)
- Yellow (81%)
- Blue (94%)



- Cyan (0%)
- Magenta (14%)
- Yellow (1%)
- Black (5%)




- Cyan (5%)
- Magenta (19%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.7349, 0.3165, 0.2962 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 69.7349, 0.3165, 0.2962 by changing the saturation by 10% instead.


 69.7349, 0.3165,
0.2962

 69.7349, 0.3165,
0.2962

459.6186, 0.3149,
0.3111

 51.3104, 0.3168,
0.2929


118.8306, 0.3160,
0.3013

 36.4557, 0.3172,
0.2888


150.2707, 0.3158,
0.3033

 24.7864, 0.3177,
0.2837


186.8181, 0.3156,
0.3050

 15.9180, 0.3182,
0.2770

228.8572, 0.3154,
0.3066

 9.4661, 0.3188,
0.2682

276.7724, 0.3153,
0.3079

 5.0464, 0.3196,
0.2558

330.9481, 0.3151,

 2.2745, 0.3204,

0.3091

0.2370

391.7687, 0.3150,
0.3101

0.7602, 0.3212,
0.2046

0.0000, 0.2008,
0.0000

69.7349, 0.3165,
0.2962

69.7349, 0.3165,
0.2962

58.7727, 0.3195,
0.2730

82.5021, 0.3138,
0.3191

49.5246, 0.3227,
0.2500

96.8831, 0.3115,
0.3406

41.9060, 0.3261,
0.2283

97.0107, 0.3103,
0.3385

35.8210, 0.3297,
0.2087

97.1398, 0.3091,
0.3365

■ 31.1641, 0.3332,
0.1922

■ 97.2703, 0.3079,
0.3344

■ 27.8163, 0.3367,
0.1797

■ 97.4022, 0.3067,
0.3323

■ 25.6392, 0.3399,
0.1716

■ 97.5357, 0.3055,
0.3303

■ 24.4638, 0.3429,
0.1678

■ 97.6211, 0.3048,
0.3290

■ 24.1040, 0.3444,
0.1671

Harmonies

Analogous

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



69.7349, 0.2914, 0.2873



69.7349, 0.3165, 0.2962



69.7349, 0.3414, 0.3129

Triad

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



69.7349, 0.3165, 0.2962



69.7349, 0.3535, 0.3698



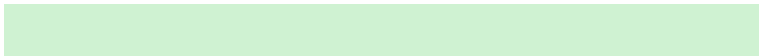
69.7349, 0.2686, 0.3211

Complementary

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



69.7349, 0.3165, 0.2962



81.4375, 0.3091, 0.3642

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.



69.7349, 0.2840, 0.3453



69.7349, 0.3165, 0.2962



69.7349, 0.3329, 0.3742

Square

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



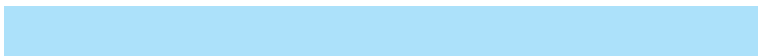
69.7349, 0.3165, 0.2962



69.7349, 0.3633, 0.3547



69.7349, 0.3074, 0.3653



69.7349, 0.2646, 0.3005

Rectangle

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



69.7349, 0.3165, 0.2962



69.7349, 0.3543, 0.3268



69.7349, 0.3074, 0.3653



69.7349, 0.2726, 0.3291

Sweetspot

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



69.7379, 0.3165, 0.2962



93.6071, 0.3137, 0.3201



64.7274, 0.2914, 0.2906



19.7866, 0.3139, 0.3184



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.



69.7379, 0.3165, 0.2962



75.1525, 0.3172, 0.2902



68.7588, 0.3289, 0.3138



16.0064, 0.3151, 0.3077



12.9566, 0.3440, 0.1669



1.0848, 0.3406, 0.1650

Inverse Universe

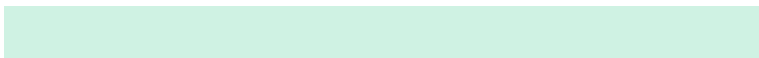
The Inverse Universe completely reimagines the original color for something new.



69.7379, 0.3165, 0.2962



75.1525, 0.3172, 0.2902



82.3524, 0.2990, 0.3447



16.0064, 0.3151, 0.3077



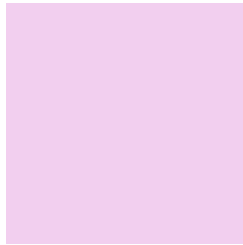
12.9566, 0.3440, 0.1669



1.0848, 0.3406, 0.1650

Previews

White Background



This preview shows how the Yxy color 69.7349, 0.3165, 0.2962 looks on a white background.

Color Contrast Check

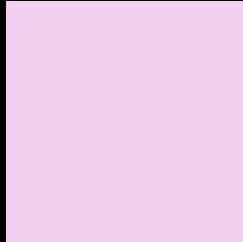
Large Text (above 18pt) WCAG AA × Fail

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 69.7349, 0.3165, 0.2962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

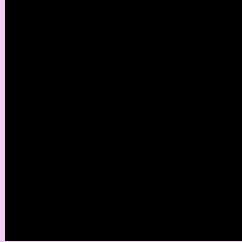
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.7349, 0.3165, 0.2962

Background



This preview shows how black text looks on a background with the Yxy color 69.7349, 0.3165, 0.2962.



This preview shows how white text looks on a background with the Yxy color 69.7349, 0.3165, 0.2962.

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

69.7349, 0.3165, 0.2962

Protanopia

70.0004, 0.2926, 0.2978

Deuteranopia

69.9180, 0.3075, 0.3016



Tritanopia

69.6172, 0.3240, 0.3113

Trichromacy



Original Color

69.7349, 0.3165, 0.2962

Protanomaly

69.9069, 0.3007, 0.2972

Deuteranomaly

69.7587, 0.3112, 0.2998

Tritanomaly

69.5820, 0.3213, 0.3052

Monochromacy



Original Color

69.7349, 0.3165, 0.2962

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.3712, 0.3140, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.7349, 0.3165, 0.2962 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(242, 207, 239)` looks like.

```
.text, #text, p{  
    color:rgb(242, 207, 239)  
}
```

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(242, 207, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 207, 239) }
```

Border

The CSS property to change the border of an element to Yxy 69.7349, 0.3165, 0.2962 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(242, 207, 239) }
```

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

```
.border{ border-color:rgb(242, 207, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 207, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 207, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 207, 239);  
box-shadow:4px 4px 4px 4px rgb(242, 207,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 69.7349, 0.3165, 0.2962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 207, 239) }
```

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

```
.background{ background-color: rgb(242,  
207, 239) }
```

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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