

Converting Colors

$Y_{xy}(68.9200, 0.3215, 0.3042)$

Have a look what the booklet for
Yxy(68.9200, 0.3215, 0.3042)
contains.

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Color

Yxy(69.0959, 0.3214, 0.3041)

Conversions

Conversions Part 1

Format	Color
Hex	F1CFE7
RGB	241, 207, 231
RGB Percent	95%, 81%, 91%
CMY	0.0547, 0.1883, 0.0941
CMYK	0.00, 0.14, 0.04, 0.05
HSL	318°, 55%, 88%
HSV	318°, 14%, 95%
XYZ	73.0267, 69.0959, 85.0918
YIQ	219.9020, 12.5600, 14.6720

Conversions

Conversions Part 2

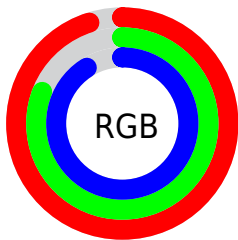
Format	Color
R_{YB}	241, 207, 231
Decimal	15847399
CIE _{Lab}	86.55, 15.92, -7.41
CIE _{LCh}	87, 17.557, 335.042
Yxy	69.0959, 0.3214, 0.3041
Android (android.graphics.Color)	4294037479 (0xFFFF1CFE7)
YUV	219.9020, 5.4713, 18.5029
Hunter-Lab	83.1239, 11.3503, -2.5069

Details

The Yxy color **69.0959, 0.3214, 0.3041** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.2192, 0.3050, 0.3553**, and the grayscale version is **71.4584, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.1919, 0.3240, 0.2996** is the 20% darker color. If you saturate the color by 10%, you get **57.9040, 0.3289, 0.2857**, and if you desaturate by 10%, it is **82.0933, 0.3150, 0.3219**.

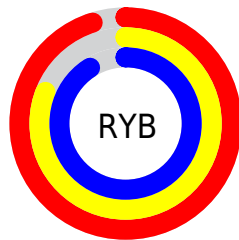
Distribution



Red (95%)

Green (81%)

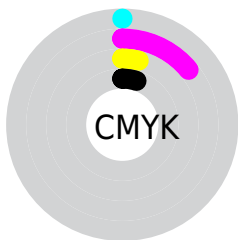
Blue (91%)



Red (95%)

Yellow (81%)

Blue (91%)

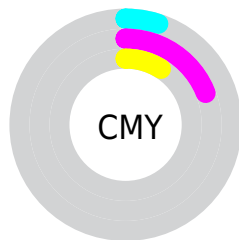


Cyan (0%)

Magenta (14%)

Yellow (4%)

Black (5%)



Cyan (5%)


Magenta (19%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.0959, 0.3214, 0.3041 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 69.0959, 0.3214, 0.3041 by changing the saturation by 10% instead.


 69.0959, 0.3214,
0.3041

 69.0959, 0.3214,
0.3041

457.3691, 0.3175,
0.3155

 50.7898, 0.3223,
0.3015


117.9185, 0.3200,
0.3080

 36.0414, 0.3234,
0.2984


149.2039, 0.3195,
0.3096

 24.4661, 0.3247,
0.2944


185.5844, 0.3191,
0.3109

 15.6798, 0.3265,
0.2892

227.4446, 0.3187,
0.3120

 9.2978, 0.3288,
0.2822

275.1687, 0.3183,
0.3131

 4.9360, 0.3321,
0.2722

329.1413, 0.3180,

 2.2097, 0.3372,

0.3140

0.2570

389.7466, 0.3177,
0.3148

0.7253, 0.3466,
0.2284

0.0000, 0.2009,
0.0000

69.0959, 0.3214,
0.3041

69.0959, 0.3214,
0.3041

57.9040, 0.3289,
0.2857

82.0933, 0.3150,
0.3219

48.4276, 0.3375,
0.2673

96.8373, 0.3097,
0.3386

40.5829, 0.3473,
0.2494

97.2807, 0.3057,
0.3316

34.2751, 0.3582,
0.2332

97.4508, 0.3042,
0.3290

■ 29.3998, 0.3701,
0.2195

■ 25.8396, 0.3825,
0.2096

■ 23.4581, 0.3951,
0.2044

■ 22.0889, 0.4075,
0.2041

■ 21.6108, 0.4146,
0.2058

Harmonies

Analogous

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



69.0959, 0.2997, 0.2947



69.0959, 0.3214, 0.3041



69.0959, 0.3413, 0.3197

Triad

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



69.0959, 0.3214, 0.3041



69.0959, 0.3436, 0.3653



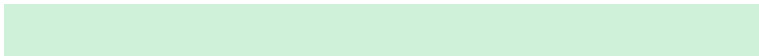
69.0959, 0.2735, 0.3178

Complementary

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



69.0959, 0.3214, 0.3041



81.2192, 0.3050, 0.3553

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.



69.0959, 0.2845, 0.3379



69.0959, 0.3214, 0.3041



69.0959, 0.3247, 0.3661

Square

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



69.0959, 0.3214, 0.3041



69.0959, 0.3543, 0.3547



69.0959, 0.3031, 0.3560



69.0959, 0.2727, 0.3018

Rectangle

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



69.0959, 0.3214, 0.3041



69.0959, 0.3506, 0.3318



69.0959, 0.3031, 0.3560



69.0959, 0.2762, 0.3243

Sweetspot

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



69.0989, 0.3214, 0.3041



93.4716, 0.3150, 0.3221



65.6690, 0.2967, 0.2921



19.7522, 0.3154, 0.3208



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.



69.0989, 0.3214, 0.3041



74.5956, 0.3235, 0.2988



68.2030, 0.3335, 0.3213



15.9473, 0.3183, 0.3125



11.7375, 0.4127, 0.2047



0.9938, 0.3977, 0.1964

Inverse Universe

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



69.0989, 0.3214, 0.3041



74.5956, 0.3235, 0.2988



82.1294, 0.2954, 0.3369



15.9473, 0.3183, 0.3125



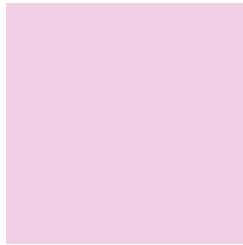
11.7375, 0.4127, 0.2047



0.9938, 0.3977, 0.1964

Previews

White Background



This preview shows how the Yxy color 69.0959, 0.3214, 0.3041 looks on a white background.

Color Contrast Check

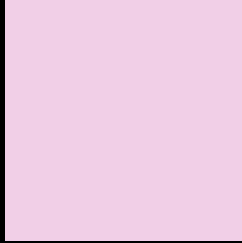
Large Text (above 18pt) WCAG AA × Fail

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 69.0959, 0.3214, 0.3041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

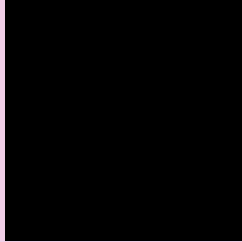
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.0959, 0.3214, 0.3041

Background



This preview shows how black text looks on a background with the Yxy color 69.0959, 0.3214, 0.3041.



This preview shows how white text looks on a background with the Yxy color 69.0959, 0.3214, 0.3041.

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

69.0959, 0.3214, 0.3041

Protanopia

69.1041, 0.2989, 0.3062

Deuteranopia

68.9622, 0.3152, 0.3078



Tritanopia

69.0188, 0.3255, 0.3123

Trichromacy



Original Color

69.0959, 0.3214, 0.3041

Protanomaly

68.8748, 0.3066, 0.3054

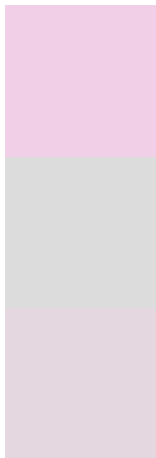
Deuteranomaly

68.9763, 0.3175, 0.3069

Tritanomaly

69.1831, 0.3234, 0.3092

Monochromacy



Original Color

69.0959, 0.3214, 0.3041

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.4767, 0.3161, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0959, 0.3214, 0.3041 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(241, 207, 231)` looks like.

```
.text, #text, p{  
    color:rgb(241, 207, 231)  
}
```

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(241, 207, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 207, 231) }
```

Border

The CSS property to change the border of an element to Yxy 69.0959, 0.3214, 0.3041 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(241, 207, 231) }
```

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

```
.border{ border-color:rgb(241, 207, 231) }
```

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

Here you see how a box with a 4 pixel rgb(241, 207, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 207, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 207, 231);  
box-shadow:4px 4px 4px 4px rgb(241, 207,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0959, 0.3214, 0.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 207, 231) }
```

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

```
.background{ background-color: rgb(241,  
207, 231) }
```

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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