

Converting Colors

$Yxy(71.2437, 0.3261, 0.3144)$

Have a look what the booklet for
Yxy(71.2437, 0.3261, 0.3144)
contains.

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Color

Yxy(71.1342, 0.3261, 0.3135)

Conversions

Conversions Part 1

Format	Color
Hex	F3D3E2
RGB	243, 211, 226
RGB Percent	95%, 83%, 89%
CMY	0.0469, 0.1726, 0.1138
CMYK	0.00, 0.13, 0.07, 0.05
HSL	332°, 57%, 89%
HSV	332°, 13%, 95%
XYZ	73.9932, 71.1342, 81.7760
YIQ	222.2780, 14.2570, 11.4490

Conversions

Conversions Part 2

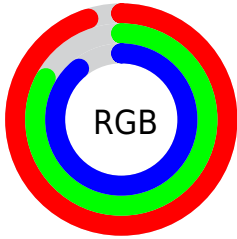
Format	Color
R _Y B	243, 211, 226
Decimal	15979490
CIE Lab	87.55, 13.62, -3.26
CIE LCh	88, 14.009, 346.537
Yxy	71.1342, 0.3261, 0.3135
Android (android.graphics.Color)	4294169570 (0xFFFF3D3E2)
YUV	222.2780, 1.8349, 18.1732
Hunter-Lab	84.3411, 9.0027, 1.5520

Details

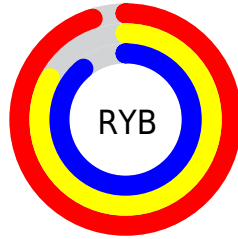
The Yxy color **71.1342, 0.3261, 0.3135** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.5772, 0.3011, 0.3450**, and the grayscale version is **73.2371, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2820, 0.3293, 0.3090** is the 20% darker color. If you saturate the color by 10%, you get **59.2779, 0.3388, 0.3011**, and if you desaturate by 10%, it is **84.8759, 0.3156, 0.3254**.

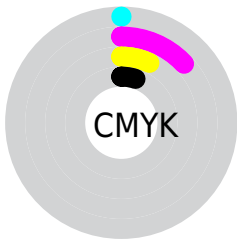
Distribution



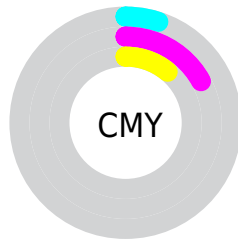
- Red (95%)
- Green (83%)
- Blue (89%)



- Red (95%)
- Yellow (83%)
- Blue (89%)



- Cyan (0%)
- Magenta (13%)
- Yellow (7%)
- Black (5%)




- Cyan (5%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.1342, 0.3261, 0.3135 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 71.1342, 0.3261, 0.3135 by changing the saturation by 10% instead.


 71.1342, 0.3261,
0.3135

 71.1342, 0.3261,
0.3135


464.5224, 0.3199,
0.3206

 52.4517, 0.3275,
0.3119


120.8248, 0.3240,
0.3160

 37.3653, 0.3293,
0.3099


152.6017, 0.3231,
0.3169

 25.4904, 0.3315,
0.3074


189.5122, 0.3224,
0.3178

 16.4428, 0.3343,
0.3041

231.9407, 0.3218,
0.3185

 9.8380, 0.3383,
0.2996

280.2715, 0.3212,
0.3191

 5.2917, 0.3440,
0.2933

334.8892, 0.3207,

 2.4194, 0.3529,

0.3197

0.2834

396.1780, 0.3203,
0.3202

0.8359, 0.3690,
0.2658

0.0000, 1.0000,
0.0000

71.1342, 0.3261,
0.3135

71.1342, 0.3261,
0.3135

59.2779, 0.3388,
0.3011

84.8759, 0.3156,
0.3254

49.2147, 0.3539,
0.2884

97.6007, 0.3072,
0.3320

40.8587, 0.3720,
0.2760

97.8020, 0.3054,
0.3290

34.1131, 0.3930,
0.2647

■ 28.8712, 0.4168,
0.2557

■ 25.0134, 0.4427,
0.2502

■ 22.4017, 0.4697,
0.2495

■ 20.8686, 0.4962,
0.2543

■ 20.2714, 0.5133,
0.2601

Harmonies

Analogous

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



71.1342, 0.3089, 0.3038



71.1342, 0.3261, 0.3135



71.1342, 0.3399, 0.3272

Triad

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



71.1342, 0.3261, 0.3135



71.1342, 0.3321, 0.3589



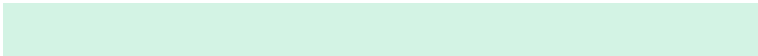
71.1342, 0.2803, 0.3149

Complementary

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



71.1342, 0.3261, 0.3135



83.5772, 0.3011, 0.3450

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.



71.1342, 0.2862, 0.3300



71.1342, 0.3261, 0.3135



71.1342, 0.3158, 0.3560

Square

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



71.1342, 0.3261, 0.3135



71.1342, 0.3433, 0.3534



71.1342, 0.2990, 0.3453



71.1342, 0.2828, 0.3042

Rectangle

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



71.1342, 0.3261, 0.3135



71.1342, 0.3451, 0.3370



71.1342, 0.2990, 0.3453



71.1342, 0.2814, 0.3196

Sweetspot

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



71.1373, 0.3261, 0.3135



93.3193, 0.3164, 0.3244



69.4789, 0.3032, 0.2953



19.7137, 0.3172, 0.3235



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

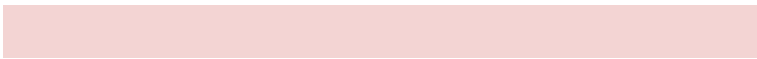
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.1373, 0.3261, 0.3135



75.3546, 0.3295, 0.3100



70.6153, 0.3368, 0.3296



16.6116, 0.3220, 0.3180



11.1481, 0.5096, 0.2581



1.0004, 0.4798, 0.2417

Inverse Universe

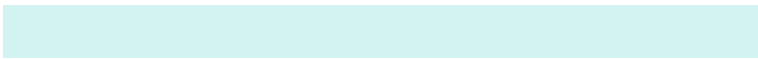
The Inverse Universe completely reimagines the original color for something new.



71.1373, 0.3261, 0.3135



75.3546, 0.3295, 0.3100



84.1278, 0.2926, 0.3284



16.6116, 0.3220, 0.3180



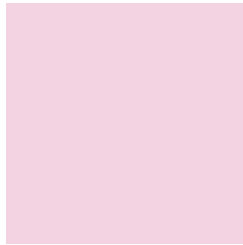
11.1481, 0.5096, 0.2581



1.0004, 0.4798, 0.2417

Previews

White Background



This preview shows how the Yxy color 71.1342, 0.3261, 0.3135 looks on a white background.

Color Contrast Check

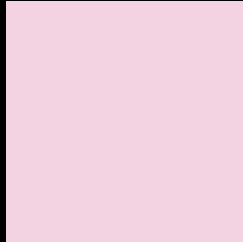
Large Text (above 18pt) WCAG AA × Fail

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 71.1342, 0.3261, 0.3135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

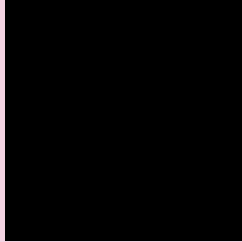
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.1342, 0.3261, 0.3135

Background



This preview shows how black text looks on a background with the Yxy color 71.1342, 0.3261, 0.3135.

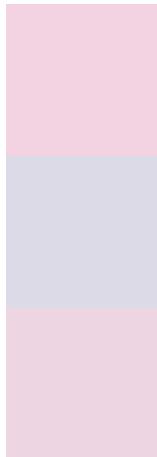


This preview shows how white text looks on a background with the Yxy color 71.1342, 0.3261, 0.3135.

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

71.1342, 0.3261, 0.3135

Protanopia

71.0716, 0.3062, 0.3160

Deuteranopia

71.2566, 0.3222, 0.3154



Tritanopia

71.1893, 0.3254, 0.3125

Trichromacy



Original Color

71.1342, 0.3261, 0.3135

Protanomaly

70.7520, 0.3127, 0.3141

Deuteranomaly

71.1032, 0.3237, 0.3144

Tritanomaly

71.1893, 0.3254, 0.3125

Monochromacy



Original Color

71.1342, 0.3261, 0.3135

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.2935, 0.3180, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1342, 0.3261, 0.3135 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(243, 211, 226)` looks like.

```
.text, #text, p{  
    color:rgb(243, 211, 226)  
}
```

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(243, 211, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 211, 226) }
```

Border

The CSS property to change the border of an element to Yxy 71.1342, 0.3261, 0.3135 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(243, 211, 226) }
```

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

```
.border{ border-color:rgb(243, 211, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 211, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 211, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 211, 226);  
box-shadow:4px 4px 4px 4px rgb(243, 211,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1342, 0.3261, 0.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 211, 226) }
```

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

```
.background{ background-color: rgb(243,  
211, 226) }
```

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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