

Converting Colors

$Yxy(71.5038, 0.3137, 0.3083)$

Have a look what the booklet for
Yxy(71.5038, 0.3137, 0.3083)
contains.

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Color

Yxy(71.5261, 0.3137, 0.3081)

Conversions

Conversions Part 1

Format	Color
Hex	EAD6EA
RGB	234, 214, 234
RGB Percent	92%, 84%, 92%
CMY	0.0824, 0.1607, 0.0824
CMYK	0.00, 0.09, 0.00, 0.08
HSL	300°, 32%, 88%
HSV	300°, 9%, 92%
XYZ	72.8262, 71.5261, 87.8000
YIQ	222.2600, 5.5000, 10.4600

Conversions

Conversions Part 2

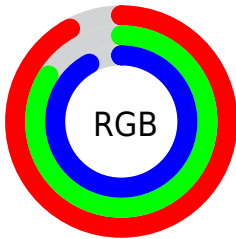
Format	Color
R_{YB}	234, 214, 234
Decimal	15390442
CIE _{Lab}	87.74, 10.37, -7.29
CIE _{LCh}	88, 12.682, 324.895
Yxy	71.5261, 0.3137, 0.3081
Android (android.graphics.Color)	4293580522 (0xFFEAD6EA)
YUV	222.2600, 5.7878, 10.2960
Hunter-Lab	84.5731, 5.7039, -2.3510

Details

The Yxy color **71.5261, 0.3137, 0.3081** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.9953, 0.3117, 0.3508**, and the grayscale version is **73.1966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.4756, 0.3139, 0.3033** is the 20% darker color. If you saturate the color by 10%, you get **60.5227, 0.3149, 0.2831**, and if you desaturate by 10%, it is **84.2370, 0.3126, 0.3325**.

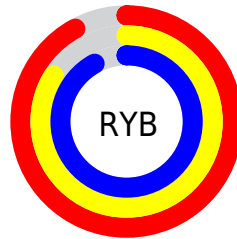
Distribution



Red (92%)

Green (84%)

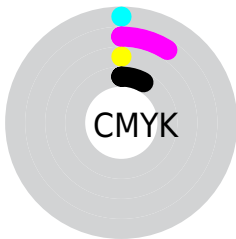
Blue (92%)



Red (92%)

Yellow (84%)

Blue (92%)

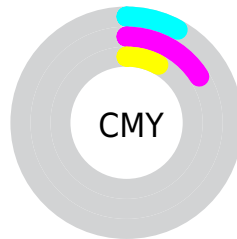


Cyan (0%)

Magenta (9%)

Yellow (0%)

Black (8%)



Cyan (8%)


Magenta (16%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.5261, 0.3137, 0.3081 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 71.5261, 0.3137, 0.3081 by changing the saturation by 10% instead.


 71.5261, 0.3137,
0.3081

 71.5261, 0.3137,
0.3081


465.8904, 0.3133,
0.3177

 52.7716, 0.3138,
0.3059


121.3825, 0.3136,
0.3114

 37.6205, 0.3139,
0.3033


153.2533, 0.3135,
0.3127

 25.6883, 0.3139,
0.3000


190.2650, 0.3135,
0.3138

 16.5906, 0.3140,
0.2956

232.8019, 0.3134,
0.3148

 9.9430, 0.3141,
0.2898

281.2485, 0.3134,
0.3156

 5.3612, 0.3142,
0.2815

335.9892, 0.3134,

 2.4607, 0.3141,

0.3164

0.2688

397.4084, 0.3133,
0.3170

0.8569, 0.3135,
0.2468

0.0000, 0.0611,
0.0000

71.5261, 0.3137,
0.3081

71.5261, 0.3137,
0.3081

60.5227, 0.3149,
0.2831

84.2370, 0.3126,
0.3325

51.1453, 0.3161,
0.2581

94.9518, 0.3117,
0.3501

43.3197, 0.3172,
0.2340

94.9522, 0.3117,
0.3501

36.9622, 0.3182,
0.2118

94.9525, 0.3117,
0.3501

31.9814, 0.3192,
0.1924

94.9528, 0.3117,
0.3501

28.2754, 0.3199,
0.1767

94.9531, 0.3117,
0.3501

25.7285, 0.3205,
0.1651

94.9534, 0.3117,
0.3501

24.2040, 0.3208,
0.1579

94.9538, 0.3117,
0.3501

23.5025, 0.3210,
0.1545

94.9541, 0.3117,
0.3501

Harmonies

Analogous

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



71.5261, 0.2987, 0.3032



71.5261, 0.3137, 0.3081



71.5261, 0.3288, 0.3182

Triad

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



71.5261, 0.3137, 0.3081



71.5261, 0.3382, 0.3531



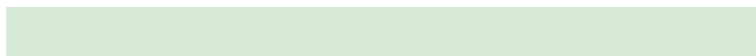
71.5261, 0.2865, 0.3259

Complementary

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



71.5261, 0.3137, 0.3081



77.9953, 0.3117, 0.3508

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.



71.5261, 0.2966, 0.3401



71.5261, 0.3137, 0.3081



71.5261, 0.3264, 0.3560

Square

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



71.5261, 0.3137, 0.3081



71.5261, 0.3431, 0.3439



71.5261, 0.3112, 0.3513



71.5261, 0.2832, 0.3131

Rectangle

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



71.5261, 0.3137, 0.3081



71.5261, 0.3367, 0.3267



71.5261, 0.3112, 0.3513



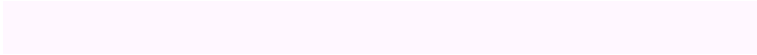
71.5261, 0.2892, 0.3307

Sweetspot

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



71.5292, 0.3137, 0.3081



95.2157, 0.3131, 0.3217



68.3357, 0.2995, 0.3071



20.1134, 0.3132, 0.3197



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.



71.5292, 0.3137, 0.3081



84.7953, 0.3139, 0.3044



70.9712, 0.3205, 0.3185



15.3137, 0.3138, 0.3058



13.1663, 0.3210, 0.1542



1.0339, 0.3210, 0.1542

Inverse Universe

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



71.5292, 0.3137, 0.3081



84.7953, 0.3139, 0.3044



78.5215, 0.3056, 0.3398



15.3137, 0.3138, 0.3058



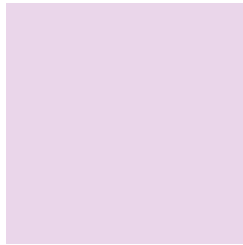
13.1663, 0.3210, 0.1542



1.0339, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 71.5261, 0.3137, 0.3081 looks on a white background.

Color Contrast Check

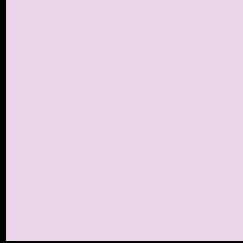
Large Text (above 18pt) WCAG AA × Fail

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 71.5261, 0.3137, 0.3081 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 71.5261, 0.3137, 0.3081

Background



This preview shows how black text looks on a background with the Yxy color 71.5261, 0.3137, 0.3081.



This preview shows how white text looks on a background with the Yxy color 71.5261, 0.3137, 0.3081.

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

71.5261, 0.3137, 0.3081

Protanopia

71.8375, 0.3010, 0.3097

Deuteranopia

71.6958, 0.3144, 0.3081



Tritanopia

71.3551, 0.3157, 0.3112

Trichromacy



Original Color

71.5261, 0.3137, 0.3081

Protanomaly

71.5291, 0.3052, 0.3088

Deuteranomaly

71.6958, 0.3144, 0.3081

Tritanomaly

71.4118, 0.3151, 0.3101

Monochromacy



Original Color

71.5261, 0.3137, 0.3081

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.3228, 0.3131, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5261, 0.3137, 0.3081 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(234, 214, 234)` looks like.

```
.text, #text, p{  
    color:rgb(234, 214, 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(234, 214, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 214, 234) }
```

Border

The CSS property to change the border of an element to Yxy 71.5261, 0.3137, 0.3081 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(234, 214, 234) }
```

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

```
.border{ border-color:rgb(234, 214, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 214, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 214, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 214, 234);  
box-shadow:4px 4px 4px 4px rgb(234, 214,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5261, 0.3137, 0.3081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 214, 234) }
```

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

```
.background{ background-color: rgb(234,  
214, 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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