

Converting Colors

Yxy(73.8846, 0.3196, 0.3079)

Have a look what the booklet for
Yxy(73.8846, 0.3196, 0.3079)
contains.

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Color

Yxy(73.8901, 0.3195, 0.3076)

Conversions

Conversions Part 1

Format	Color
Hex	F4D7EC
RGB	244, 215, 236
RGB Percent	96%, 84%, 93%
CMY	0.0431, 0.1568, 0.0745
CMYK	0.00, 0.12, 0.03, 0.04
HSL	317°, 57%, 90%
HSV	317°, 12%, 96%
XYZ	76.7487, 73.8901, 89.5761
YIQ	226.0650, 10.5430, 12.6790

Conversions

Conversions Part 2

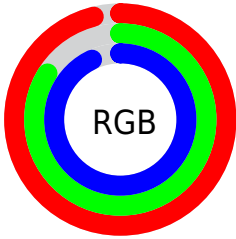
Format	Color
R_{YB}	244, 215, 236
Decimal	16046060
CIE _{Lab}	88.87, 13.57, -6.59
CIE _{LCh}	89, 15.089, 334.100
Yxy	73.8901, 0.3195, 0.3076
Android (android.graphics.Color)	4294236140 (0xFFFF4D7EC)
YUV	226.0650, 4.8980, 15.7290
Hunter-Lab	85.9594, 8.9446, -1.6131

Details

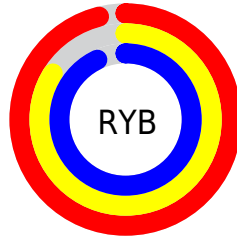
The Yxy color $73.8901, 0.3195, 0.3076$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $84.4765, 0.3065, 0.3514$, and the grayscale version is $76.0629, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.1283, 0.3215, 0.3028$ is the 20% darker color. If you saturate the color by 10%, you get $61.9956, 0.3263, 0.2888$, and if you desaturate by 10%, it is $87.6589, 0.3137, 0.3257$.

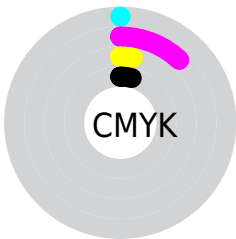
Distribution



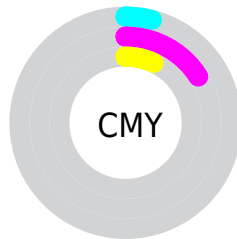
- Red (96%)
- Green (84%)
- Blue (93%)



- Red (96%)
- Yellow (84%)
- Blue (93%)



- Cyan (0%)
- Magenta (12%)
- Yellow (3%)
- Black (4%)




- Cyan (4%)
- Magenta (16%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.8901, 0.3195, 0.3076 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 73.8901, 0.3195, 0.3076 by changing the saturation by 10% instead.

 73.8901, 0.3195,
0.3076

 73.8901, 0.3195,
0.3076


474.0940, 0.3165,
0.3173

 54.7041, 0.3202,
0.3054


124.7400, 0.3185,
0.3109

 39.1649, 0.3210,
0.3028


157.1727, 0.3181,
0.3122

 26.8880, 0.3220,
0.2994

194.7897, 0.3177,
0.3134

 17.4891, 0.3234,
0.2951

237.9755, 0.3174,
0.3144

 10.5838, 0.3251,
0.2893

287.1144, 0.3171,
0.3152

 5.7877, 0.3276,
0.2812

342.5909, 0.3169,

 2.7164, 0.3312,

0.3160

0.2689

404.7893, 0.3167,
0.3167

0.9856, 0.3372,
0.2481

0.0000, 0.3956,
0.0000

73.8901, 0.3195,
0.3076

73.8901, 0.3195,
0.3076

61.9956, 0.3263,
0.2888

87.6589, 0.3137,
0.3257

51.8838, 0.3342,
0.2699

97.6212, 0.3091,
0.3344

43.4699, 0.3431,
0.2514

97.9729, 0.3060,
0.3290

36.6584, 0.3531,
0.2343

■ 31.3443, 0.3639,
0.2197

■ 27.4098, 0.3753,
0.2085

■ 24.7198, 0.3869,
0.2018

■ 23.1112, 0.3984,
0.2001

■ 22.3959, 0.4074,
0.2018

Harmonies

Analogous

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



73.8901, 0.3013, 0.2998



73.8901, 0.3195, 0.3076



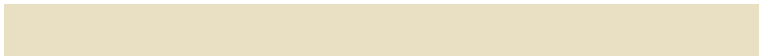
73.8901, 0.3363, 0.3207

Triad

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



73.8901, 0.3195, 0.3076



73.8901, 0.3391, 0.3594



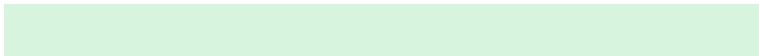
73.8901, 0.2798, 0.3202

Complementary

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



73.8901, 0.3195, 0.3076



84.4765, 0.3065, 0.3514

Split Complementary

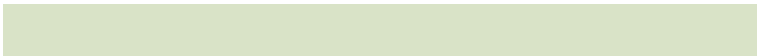
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.8901, 0.2894, 0.3370



73.8901, 0.3195, 0.3076



73.8901, 0.3235, 0.3602

Square

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



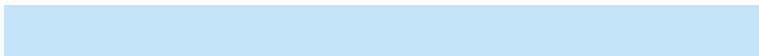
73.8901, 0.3195, 0.3076



73.8901, 0.3478, 0.3504



73.8901, 0.3053, 0.3519



73.8901, 0.2788, 0.3065

Rectangle

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



73.8901, 0.3195, 0.3076



73.8901, 0.3442, 0.3310



73.8901, 0.3053, 0.3519



73.8901, 0.2821, 0.3257

Sweetspot

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



73.8933, 0.3195, 0.3076



93.4840, 0.3149, 0.3219



70.7820, 0.2992, 0.2983



19.7554, 0.3153, 0.3206



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.



73.8933, 0.3195, 0.3076



78.6818, 0.3209, 0.3036



73.0986, 0.3294, 0.3221



16.6858, 0.3180, 0.3120



12.2021, 0.4056, 0.2008



1.0898, 0.3925, 0.1936

Inverse Universe

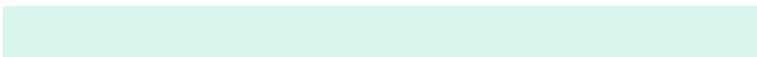
The Inverse Universe completely reimagines the original color for something new.



73.8933, 0.3195, 0.3076



78.6818, 0.3209, 0.3036



85.2768, 0.2983, 0.3361



16.6858, 0.3180, 0.3120



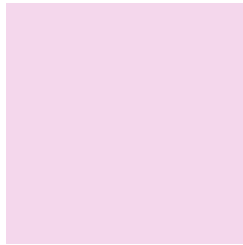
12.2021, 0.4056, 0.2008



1.0898, 0.3925, 0.1936

Previews

White Background



This preview shows how the Yxy color 73.8901, 0.3195, 0.3076 looks on a white background.

Color Contrast Check

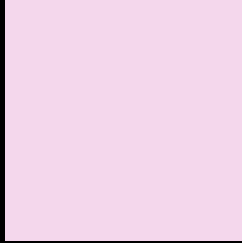
Large Text (above 18pt) WCAG AA × Fail

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 73.8901, 0.3195, 0.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

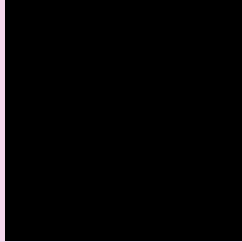
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.8901, 0.3195, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 73.8901, 0.3195, 0.3076.

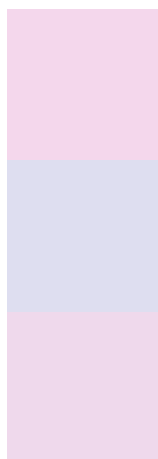


This preview shows how white text looks on a background with the Yxy color 73.8901, 0.3195, 0.3076.

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

73.8901, 0.3195, 0.3076

Protanopia

74.0634, 0.3012, 0.3099

Deuteranopia

74.0326, 0.3158, 0.3094



Tritanopia

73.9926, 0.3214, 0.3126

Trichromacy



Original Color

73.8901, 0.3195, 0.3076

Protanomaly

73.7180, 0.3074, 0.3081

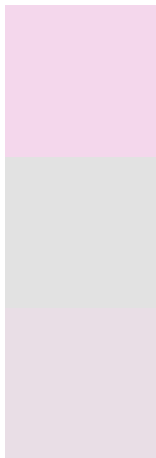
Deuteranomaly

73.8686, 0.3173, 0.3085

Tritanomaly

74.0496, 0.3208, 0.3116

Monochromacy



Original Color

73.8901, 0.3195, 0.3076

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.2794, 0.3152, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8901, 0.3195, 0.3076 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, 215, 236)` looks like.

```
.text, #text, p{  
    color:rgb(244, 215, 236)  
}
```

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, 215, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 215, 236) }
```

Border

The CSS property to change the border of an element to Yxy 73.8901, 0.3195, 0.3076 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, 215, 236) }
```

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

```
.border{ border-color:rgb(244, 215, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 215, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 215, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 215, 236); box-shadow:4px 4px 4px 4px rgb(244, 215, 236) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8901, 0.3195, 0.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 215, 236) }
```

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

```
.background{ background-color: rgb(244,  
215, 236) }
```

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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