

Converting Colors

Yxy(73.5695, 0.3194, 0.3048)

Have a look what the booklet for
Yxy(73.5695, 0.3194, 0.3048)
contains.

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Color

Yxy(73.6787, 0.3189, 0.3046)

Conversions

Conversions Part 1

Format	Color
Hex	F5D6EE
RGB	245, 214, 238
RGB Percent	96%, 84%, 93%
CMY	0.0392, 0.1608, 0.0665
CMYK	0.00, 0.13, 0.03, 0.04
HSL	313°, 61%, 90%
HSV	313°, 13%, 96%
XYZ	77.1377, 73.6787, 91.0704
YIQ	226.0050, 10.7720, 14.0360

Conversions

Conversions Part 2

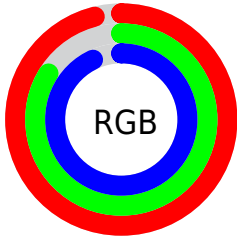
Format	Color
RYB	245, 214, 238
Decimal	16111342
CIELab	88.77, 14.79, -7.80
CIElCh	89, 16.721, 332.195
Yxy	73.6787, 0.3189, 0.3046
Android (android.graphics.Color)	4294301422 (0xFFFF5D6EE)
YUV	226.0050, 5.9135, 16.6586
Hunter-Lab	85.8363, 10.1974, -2.8199

Details

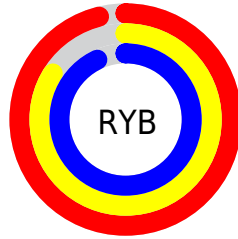
The Yxy color $73.6787, 0.3189, 0.3046$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $84.8172, 0.3071, 0.3547$, and the grayscale version is $76.0105, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.9925, 0.3208, 0.2990$ is the 20% darker color. If you saturate the color by 10%, you get $61.8808, 0.3247, 0.2846$, and if you desaturate by 10%, it is $87.3579, 0.3139, 0.3240$.

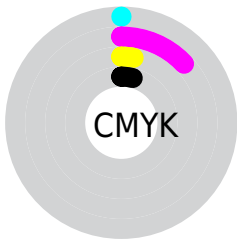
Distribution



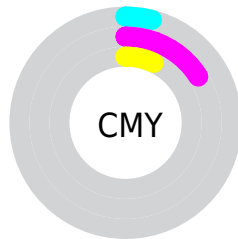
- Red (96%)
- Green (84%)
- Blue (93%)



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



- Cyan (0%)
- Magenta (13%)
- Yellow (3%)
- Black (4%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.6787, 0.3189, 0.3046 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 73.6787, 0.3189, 0.3046 by changing the saturation by 10% instead.


 73.6787, 0.3189,
0.3046

 73.6787, 0.3189,
0.3046


473.3637, 0.3162,
0.3156

 54.5311, 0.3195,
0.3021


124.4402, 0.3180,
0.3084

 39.0264, 0.3202,
0.2991


156.8230, 0.3176,
0.3099

 26.7803, 0.3211,
0.2953


194.3862, 0.3173,
0.3112

 17.4083, 0.3223,
0.2904

237.5143, 0.3170,
0.3123

 10.5260, 0.3238,
0.2839

286.5918, 0.3167,
0.3133

 5.7491, 0.3259,
0.2748

342.0029, 0.3165,

 2.6931, 0.3289,

0.3142

0.2610

404.1321, 0.3163,
0.3149

■ 0.9737, 0.3337,
0.2379

■ 0.0000, 0.3685,
0.0000

■ 73.6787, 0.3189,
0.3046

■ 73.6787, 0.3189,
0.3046

■ 61.8808, 0.3247,
0.2846

■ 87.3579, 0.3139,
0.3240

■ 51.8714, 0.3313,
0.2645

■ 97.7736, 0.3099,
0.3348

■ 43.5645, 0.3387,
0.2450

■ 98.1222, 0.3068,
0.3294

■ 36.8629, 0.3469,
0.2271

■ 98.1516, 0.3066,
0.3290

■ 31.6599, 0.3556,
0.2119

■ 27.8355, 0.3647,
0.2003

■ 25.2513, 0.3737,
0.1931

■ 23.7402, 0.3825,
0.1907

■ 23.1280, 0.3887,
0.1915

Harmonies

Analogous

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



73.6787, 0.2988, 0.2965



73.6787, 0.3189, 0.3046



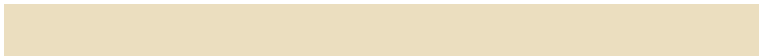
73.6787, 0.3379, 0.3188

Triad

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



73.6787, 0.3189, 0.3046



73.6787, 0.3429, 0.3623



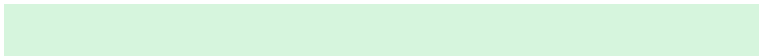
73.6787, 0.2767, 0.3203

Complementary

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



73.6787, 0.3189, 0.3046



84.8172, 0.3071, 0.3547

Split Complementary

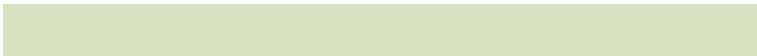
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.6787, 0.2878, 0.3391



73.6787, 0.3189, 0.3046



73.6787, 0.3258, 0.3639

Square

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



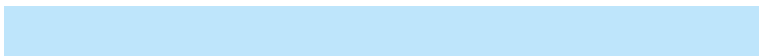
73.6787, 0.3189, 0.3046



73.6787, 0.3519, 0.3517



73.6787, 0.3057, 0.3554



73.6787, 0.2750, 0.3048

Rectangle

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



73.6787, 0.3189, 0.3046



73.6787, 0.3470, 0.3300



73.6787, 0.3057, 0.3554



73.6787, 0.2795, 0.3265

Sweetspot

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



73.6819, 0.3189, 0.3046



93.5172, 0.3145, 0.3214



70.0155, 0.2971, 0.2961



19.7638, 0.3149, 0.3200



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.



73.6819, 0.3189, 0.3046



77.4359, 0.3202, 0.2999



72.8229, 0.3295, 0.3200



16.7009, 0.3172, 0.3108



12.4820, 0.3874, 0.1908



1.1123, 0.3774, 0.1852

Inverse Universe

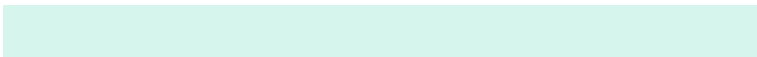
The Inverse Universe completely reimagines the original color for something new.



73.6819, 0.3189, 0.3046



77.4359, 0.3202, 0.2999



85.6673, 0.2983, 0.3382



16.7009, 0.3172, 0.3108



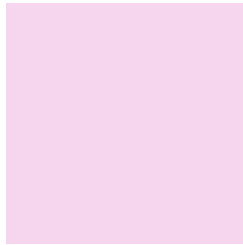
12.4820, 0.3874, 0.1908



1.1123, 0.3774, 0.1852

Previews

White Background



This preview shows how the Yxy color 73.6787, 0.3189, 0.3046 looks on a white background.

Color Contrast Check

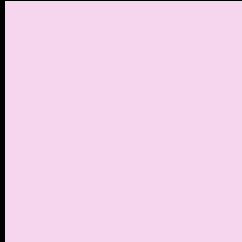
Large Text (above 18pt) WCAG AA × Fail

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 73.6787, 0.3189, 0.3046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

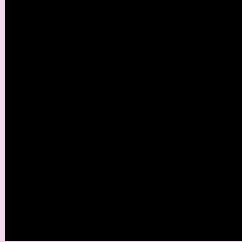
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.6787, 0.3189, 0.3046

Background



This preview shows how black text looks on a background with the Yxy color 73.6787, 0.3189, 0.3046.



This preview shows how white text looks on a background with the Yxy color 73.6787, 0.3189, 0.3046.

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

73.6787, 0.3189, 0.3046

Protanopia

74.0858, 0.2986, 0.3068

Deuteranopia

73.9759, 0.3137, 0.3074



Tritanopia

73.6602, 0.3223, 0.3116

Trichromacy



Original Color

73.6787, 0.3189, 0.3046

Protanomaly

73.8369, 0.3061, 0.3060

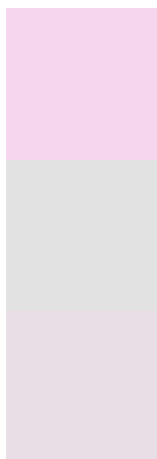
Deuteranomaly

73.9856, 0.3159, 0.3065

Tritanomaly

73.7745, 0.3209, 0.3096

Monochromacy



Original Color

73.6787, 0.3189, 0.3046

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 73.6787, 0.3189, 0.3046 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(245, 214, 238)` looks like.

```
.text, #text, p{  
    color:rgb(245, 214, 238)  
}
```

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(245, 214, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 214, 238) }
```

Border

The CSS property to change the border of an element to Yxy 73.6787, 0.3189, 0.3046 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(245, 214, 238) }
```

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

```
.border{ border-color:rgb(245, 214, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 214, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 214, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 214, 238);  
box-shadow:4px 4px 4px 4px rgb(245, 214,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6787, 0.3189, 0.3046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 214, 238) }
```

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

```
.background{ background-color: rgb(245,  
214, 238) }
```

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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