

Converting Colors

$Y_{xy}(73.7712, 0.3237, 0.3156)$

Have a look what the booklet for
Yxy(73.7712, 0.3237, 0.3156)
contains.

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Color

Yxy(73.8236, 0.3235, 0.3157)

Conversions

Conversions Part 1

Format	Color
Hex	F3D8E5
RGB	243, 216, 229
RGB Percent	95%, 85%, 90%
CMY	0.0472, 0.1529, 0.1021
CMYK	0.00, 0.11, 0.06, 0.05
HSL	331°, 53%, 90%
HSV	331°, 11%, 95%
XYZ	75.6476, 73.8236, 84.3698
YIQ	225.5550, 11.9190, 9.7670

Conversions

Conversions Part 2

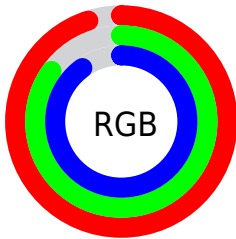
Format	Color
R _Y B	243, 216, 229
Decimal	15980773
CIE Lab	88.84, 11.47, -2.94
CIE LCh	89, 11.843, 345.618
Yxy	73.8236, 0.3235, 0.3157
Android (android.graphics.Color)	4294170853 (0xFFFF3D8E5)
YUV	225.5550, 1.6984, 15.2993
Hunter-Lab	85.9207, 6.7965, 1.9246

Details

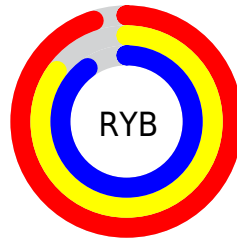
The Yxy color $73.8236, 0.3235, 0.3157$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $84.3946, 0.3031, 0.3427$, and the grayscale version is $75.6947, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.1105, 0.3259, 0.3118$ is the 20% darker color. If you saturate the color by 10%, you get $61.6034, 0.3354, 0.3030$, and if you desaturate by 10%, it is $87.9421, 0.3137, 0.3277$.

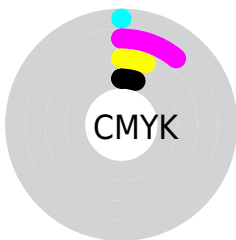
Distribution



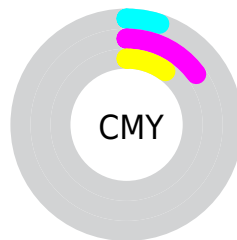
- Red (95%)
- Green (85%)
- Blue (90%)



- Red (95%)
- Yellow (85%)
- Blue (90%)



- Cyan (0%)
- Magenta (11%)
- Yellow (6%)
- Black (5%)




- Cyan (5%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.8236, 0.3235, 0.3157 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 73.8236, 0.3235, 0.3157 by changing the saturation by 10% instead.


 73.8236, 0.3235,
0.3157

 73.8236, 0.3235,
0.3157

473.8643, 0.3186,
0.3218

 54.6497, 0.3246,
0.3143


124.6457, 0.3218,
0.3178

 39.1213, 0.3260,
0.3126


157.0627, 0.3211,
0.3186

 26.8541, 0.3277,
0.3105


194.6628, 0.3205,
0.3193

 17.4637, 0.3300,
0.3077

237.8305, 0.3200,
0.3199

 10.5656, 0.3331,
0.3040

286.9501, 0.3196,
0.3205

 5.7756, 0.3375,
0.2987

342.4060, 0.3192,

 2.7091, 0.3444,

0.3210

0.2905

404.5826, 0.3189,
0.3214

0.9818, 0.3564,
0.2763

0.0000, 0.7061,
0.0000

73.8236, 0.3235,
0.3157

73.8236, 0.3235,
0.3157

61.6034, 0.3354,
0.3030

87.9421, 0.3137,
0.3277

51.1903, 0.3497,
0.2900

97.7369, 0.3058,
0.3298

42.5001, 0.3666,
0.2772

97.7879, 0.3053,
0.3290

35.4377, 0.3865,
0.2653

■ 29.8991, 0.4090,
0.2555

■ 25.7679, 0.4338,
0.2488

■ 22.9107, 0.4599,
0.2467

■ 21.1680, 0.4859,
0.2501

■ 20.3274, 0.5079,
0.2572

Harmonies

Analogous

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



73.8236, 0.3092, 0.3077



73.8236, 0.3235, 0.3157



73.8236, 0.3351, 0.3272

Triad

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



73.8236, 0.3235, 0.3157



73.8236, 0.3293, 0.3539



73.8236, 0.2856, 0.3176

Complementary

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



73.8236, 0.3235, 0.3157



84.3946, 0.3031, 0.3427

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.



73.8236, 0.2907, 0.3303



73.8236, 0.3235, 0.3157



73.8236, 0.3158, 0.3516

Square

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



73.8236, 0.3235, 0.3157



73.8236, 0.3384, 0.3492



73.8236, 0.3017, 0.3429



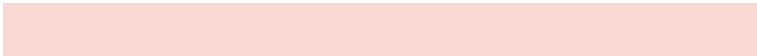
73.8236, 0.2875, 0.3085

Rectangle

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



73.8236, 0.3235, 0.3157



73.8236, 0.3396, 0.3354



73.8236, 0.3017, 0.3429



73.8236, 0.2866, 0.3216

Sweetspot

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



73.8268, 0.3235, 0.3157



94.9626, 0.3154, 0.3255



72.4054, 0.3048, 0.3009



20.0449, 0.3162, 0.3245



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.



73.8268, 0.3235, 0.3157



79.5833, 0.3256, 0.3133



73.3607, 0.3325, 0.3295



16.6152, 0.3218, 0.3177



11.1873, 0.5042, 0.2551



1.0039, 0.4752, 0.2391

Inverse Universe

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



73.8268, 0.3235, 0.3157



79.5833, 0.3256, 0.3133



84.8812, 0.2957, 0.3285



16.6152, 0.3218, 0.3177



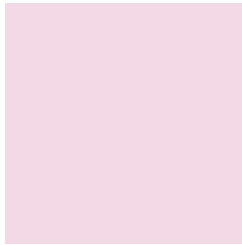
11.1873, 0.5042, 0.2551



1.0039, 0.4752, 0.2391

Previews

White Background



This preview shows how the Yxy color 73.8236, 0.3235, 0.3157 looks on a white background.

Color Contrast Check

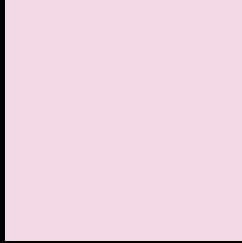
Large Text (above 18pt) WCAG AA × Fail

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 73.8236, 0.3235, 0.3157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

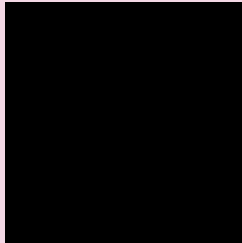
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

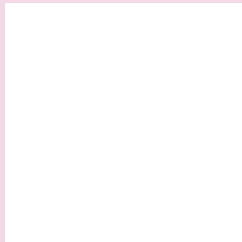
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.8236, 0.3235, 0.3157

Background



This preview shows how black text looks on a background with the Yxy color 73.8236, 0.3235, 0.3157.

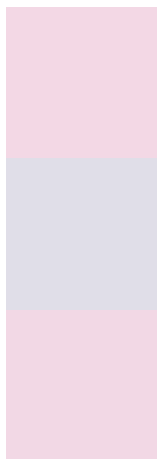


This preview shows how white text looks on a background with the Yxy color 73.8236, 0.3235, 0.3157.

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

73.8236, 0.3235, 0.3157

Protanopia

73.9160, 0.3076, 0.3183

Deuteranopia

73.6461, 0.3228, 0.3156



Tritanopia

73.4818, 0.3215, 0.3116

Trichromacy



Original Color

73.8236, 0.3235, 0.3157

Protanomaly

73.9448, 0.3133, 0.3174

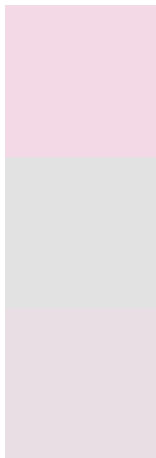
Deuteranomaly

73.6461, 0.3228, 0.3156

Tritanomaly

73.4251, 0.3222, 0.3126

Monochromacy



Original Color

73.8236, 0.3235, 0.3157

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

74.9444, 0.3165, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8236, 0.3235, 0.3157 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, 216, 229)` looks like.

```
.text, #text, p{  
    color:rgb(243, 216, 229)  
}
```

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, 216, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 216, 229) }
```

Border

The CSS property to change the border of an element to Yxy 73.8236, 0.3235, 0.3157 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, 216, 229) }
```

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

```
.border{ border-color:rgb(243, 216, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 216, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 216, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 216, 229);  
box-shadow:4px 4px 4px 4px rgb(243, 216,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8236, 0.3235, 0.3157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 216, 229) }
```

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

```
.background{ background-color: rgb(243,  
216, 229) }
```

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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