

Converting Colors

$Y_{xy}(72.3441, 0.3278, 0.3123)$

Have a look what the booklet for
Yxy(72.3441, 0.3278, 0.3123)
contains.

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Color

Yxy(72.4626, 0.3275, 0.3127)

Conversions

Conversions Part 1

Format	Color
Hex	F7D4E4
RGB	247, 212, 228
RGB Percent	97%, 83%, 89%
CMY	0.0315, 0.1685, 0.1059
CMYK	0.00, 0.14, 0.08, 0.03
HSL	333°, 68%, 90%
HSV	333°, 14%, 97%
XYZ	75.8922, 72.4626, 83.3772
YIQ	224.2890, 15.7240, 12.3960

Conversions

Conversions Part 2

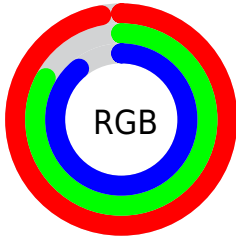
Format	Color
R _Y B	247, 212, 228
Decimal	16241892
CIE Lab	88.19, 14.76, -3.34
CIE LCh	88, 15.137, 347.268
Yxy	72.4626, 0.3275, 0.3127
Android (android.graphics.Color)	4294431972 (0xFFF7D4E4)
YUV	224.2890, 1.8295, 19.9175
Hunter-Lab	85.1250, 10.1710, 1.5148

Details

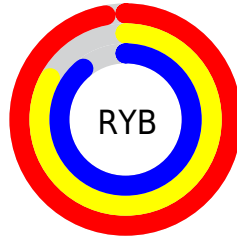
The Yxy color **72.4626, 0.3275, 0.3127** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.2652, 0.3000, 0.3459**, and the grayscale version is **74.7358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.0782, 0.3303, 0.3080** is the 20% darker color. If you saturate the color by 10%, you get **60.3309, 0.3407, 0.3005**, and if you desaturate by 10%, it is **86.5468, 0.3166, 0.3244**.

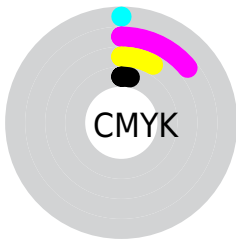
Distribution



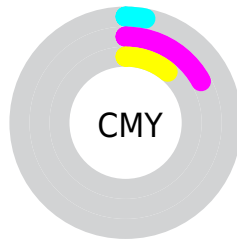
- Red (97%)
- Green (83%)
- Blue (89%)



- Red (97%)
- Yellow (83%)
- Blue (89%)



- Cyan (0%)
- Magenta (14%)
- Yellow (8%)
- Black (3%)





- Cyan (3%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.4626, 0.3275, 0.3127 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 72.4626, 0.3275, 0.3127 by changing the saturation by 10% instead.


 72.4626, 0.3275,
0.3127

 72.4626, 0.3275,
0.3127

469.1501, 0.3207,
0.3202

 53.5367, 0.3290,
0.3110


122.7140, 0.3251,
0.3153

 38.2314, 0.3310,
0.3089


154.8082, 0.3242,
0.3163

 26.1623, 0.3334,
0.3063


192.0607, 0.3234,
0.3171

 16.9451, 0.3365,
0.3029

234.8558, 0.3228,
0.3179

 10.1954, 0.3408,
0.2983

283.5779, 0.3221,
0.3186

 5.5287, 0.3469,
0.2918

338.6114, 0.3216,

 2.5607, 0.3565,

0.3192

0.2817

400.3407, 0.3211,
0.3197

0.9069, 0.3735,
0.2642

0.0000, 0.9182,
0.0000

72.4626, 0.3275,
0.3127

72.4626, 0.3275,
0.3127

60.3309, 0.3407,
0.3005

86.5468, 0.3166,
0.3244

50.0553, 0.3565,
0.2881

98.4941, 0.3079,
0.3292

41.5457, 0.3752,
0.2760

98.5065, 0.3078,
0.3290

34.7002, 0.3971,
0.2652

■ 29.4069, 0.4217,
0.2567

■ 25.5397, 0.4486,
0.2519

■ 22.9524, 0.4763,
0.2520

■ 21.4666, 0.5032,
0.2576

■ 20.9559, 0.5182,
0.2629

Harmonies

Analogous

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



72.4626, 0.3091, 0.3022



72.4626, 0.3275, 0.3127



72.4626, 0.3422, 0.3274

Triad

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



72.4626, 0.3275, 0.3127



72.4626, 0.3331, 0.3612



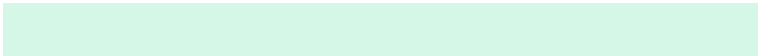
72.4626, 0.2779, 0.3134

Complementary

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



72.4626, 0.3275, 0.3127



86.2652, 0.3000, 0.3459

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.



72.4626, 0.2840, 0.3296



72.4626, 0.3275, 0.3127



72.4626, 0.3155, 0.3579

Square

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



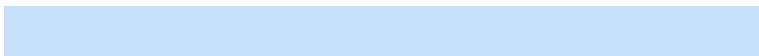
72.4626, 0.3275, 0.3127



72.4626, 0.3454, 0.3554



72.4626, 0.2976, 0.3461



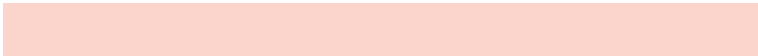
72.4626, 0.2808, 0.3022

Rectangle

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



72.4626, 0.3275, 0.3127



72.4626, 0.3477, 0.3379



72.4626, 0.2976, 0.3461



72.4626, 0.2790, 0.3185

Sweetspot

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



72.4658, 0.3275, 0.3127



93.3123, 0.3165, 0.3245



70.7428, 0.3028, 0.2927



19.7119, 0.3172, 0.3237



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

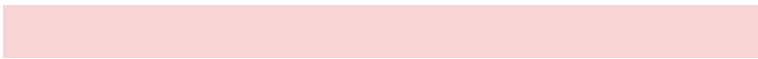
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.4658, 0.3275, 0.3127



73.9679, 0.3310, 0.3092



72.2040, 0.3388, 0.3303



16.6085, 0.3222, 0.3182



11.1151, 0.5142, 0.2606



0.9974, 0.4838, 0.2439

Inverse Universe

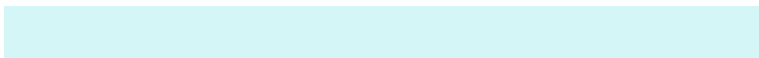
The Inverse Universe completely reimagines the original color for something new.



72.4658, 0.3275, 0.3127



73.9679, 0.3310, 0.3092



86.4991, 0.2911, 0.3277



16.6085, 0.3222, 0.3182



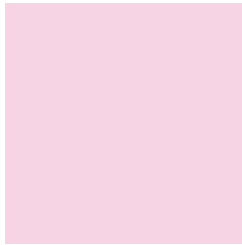
11.1151, 0.5142, 0.2606



0.9974, 0.4838, 0.2439

Previews

White Background



This preview shows how the Yxy color 72.4626, 0.3275, 0.3127 looks on a white background.

Color Contrast Check

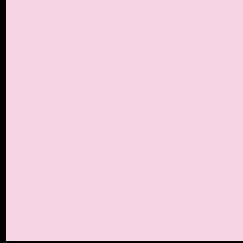
Large Text (above 18pt) WCAG AA × Fail

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 72.4626, 0.3275, 0.3127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

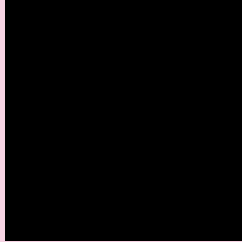
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.4626, 0.3275, 0.3127

Background



This preview shows how black text looks on a background with the Yxy color 72.4626, 0.3275, 0.3127.

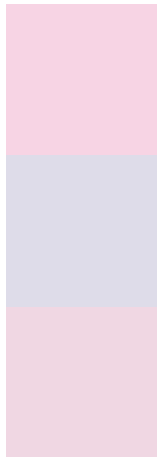


This preview shows how white text looks on a background with the Yxy color 72.4626, 0.3275, 0.3127.

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

72.4626, 0.3275, 0.3127

Protanopia

72.5992, 0.3056, 0.3151

Deuteranopia

72.6722, 0.3228, 0.3166



Tritanopia

72.5183, 0.3268, 0.3117

Trichromacy



Original Color

72.4626, 0.3275, 0.3127

Protanomaly

72.3842, 0.3134, 0.3142

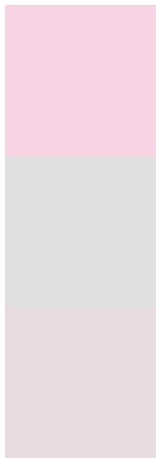
Deuteranomaly

72.6939, 0.3251, 0.3156

Tritanomaly

72.5183, 0.3268, 0.3117

Monochromacy



Original Color

72.4626, 0.3275, 0.3127

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.7784, 0.3180, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4626, 0.3275, 0.3127 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(247, 212, 228)` looks like.

```
.text, #text, p{  
    color:rgb(247, 212, 228)  
}
```

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(247, 212, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 212, 228) }
```

Border

The CSS property to change the border of an element to Yxy 72.4626, 0.3275, 0.3127 is called "border". The border property can be set on classes, ids or directly on the HTML element.

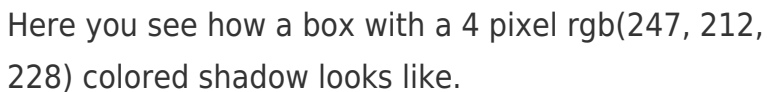
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 212, 228) }
```

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

```
.border{ border-color:rgb(247, 212, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(247, 212, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 212, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 212, 228); box-shadow:4px 4px 4px 4px rgb(247, 212, 228) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.4626, 0.3275, 0.3127$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 212, 228) }
```

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

```
.background{ background-color: rgb(247,  
212, 228) }
```

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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