

Converting Colors

$Y_{xy}(72.3035, 0.3275, 0.3111)$

Have a look what the booklet for
Yxy(72.3035, 0.3275, 0.3111)
contains.

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Color

Yxy(72.2021, 0.3277, 0.3107)

Conversions

Conversions Part 1

Format	Color
Hex	F8D3E5
RGB	248, 211, 229
RGB Percent	97%, 83%, 90%
CMY	0.0273, 0.1726, 0.1021
CMYK	0.00, 0.15, 0.08, 0.03
HSL	331°, 73%, 90%
HSV	331°, 15%, 97%
XYZ	76.1526, 72.2021, 84.0305
YIQ	224.1150, 16.2740, 13.4420

Conversions

Conversions Part 2

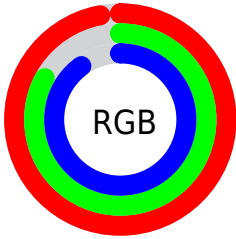
Format	Color
R _Y B	248, 211, 229
Decimal	16307173
CIE Lab	88.07, 15.83, -4.03
CIE LCh	88, 16.338, 345.726
Yxy	72.2021, 0.3277, 0.3107
Android (android.graphics.Color)	4294497253 (0xFFF8D3E5)
YUV	224.1150, 2.4083, 20.9471
Hunter-Lab	84.9718, 11.2729, 0.8471

Details

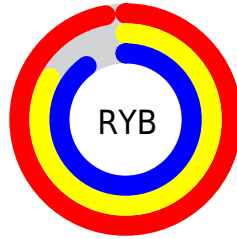
The Yxy color $72.2021, 0.3277, 0.3107$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $86.7177, 0.2999, 0.3481$, and the grayscale version is $74.6043, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.9093, 0.3304, 0.3054$ is the 20% darker color. If you saturate the color by 10%, you get $60.1308, 0.3404, 0.2977$, and if you desaturate by 10%, it is $86.2335, 0.3172, 0.3231$.

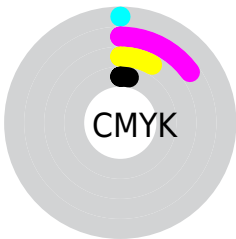
Distribution



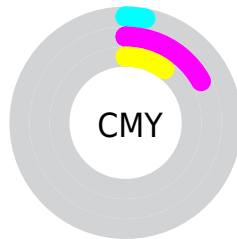
- Red (97%)
- Green (83%)
- Blue (90%)



- Red (97%)
- Yellow (83%)
- Blue (90%)



- Cyan (0%)
- Magenta (15%)
- Yellow (8%)
- Black (3%)





- Cyan (3%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.2021, 0.3277, 0.3107 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 72.2021, 0.3277, 0.3107 by changing the saturation by 10% instead.


 72.2021, 0.3277,
0.3107

 72.2021, 0.3277,
0.3107


468.2447, 0.3208,
0.3191

 53.3238, 0.3293,
0.3088


122.3438, 0.3253,
0.3136

 38.0613, 0.3312,
0.3065


154.3760, 0.3244,
0.3147

 26.0303, 0.3336,
0.3036


191.5616, 0.3236,
0.3157

 16.8463, 0.3368,
0.2998

234.2850, 0.3229,
0.3165

 10.1250, 0.3411,
0.2947

282.9307, 0.3223,
0.3173

 5.4819, 0.3473,
0.2874

337.8829, 0.3217,

 2.5327, 0.3569,

0.3179

0.2762

399.5261, 0.3213,
0.3185

0.8929, 0.3739,
0.2569

0.0000, 0.7906,
0.0000

72.2021, 0.3277,
0.3107

72.2021, 0.3277,
0.3107

60.1308, 0.3404,
0.2977

86.2335, 0.3172,
0.3231

49.9221, 0.3555,
0.2846

98.6697, 0.3087,
0.3295

41.4843, 0.3734,
0.2719

98.7018, 0.3084,
0.3290

34.7142, 0.3942,
0.2605

■ 29.4978, 0.4175,
0.2517

■ 25.7066, 0.4427,
0.2466

■ 23.1910, 0.4686,
0.2464

■ 21.7676, 0.4938,
0.2518

■ 21.3273, 0.5061,
0.2562

Harmonies

Analogous

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



72.2021, 0.3077, 0.2997



72.2021, 0.3277, 0.3107



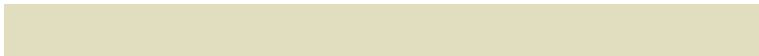
72.2021, 0.3440, 0.3264

Triad

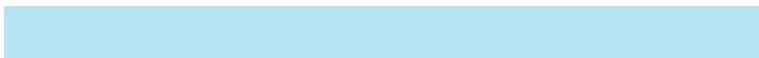
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.2021, 0.3277, 0.3107



72.2021, 0.3356, 0.3637



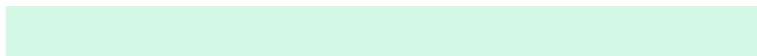
72.2021, 0.2753, 0.3129

Complementary

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



72.2021, 0.3277, 0.3107



86.7177, 0.2999, 0.3481

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.



72.2021, 0.2823, 0.3305



72.2021, 0.3277, 0.3107



72.2021, 0.3167, 0.3607

Square

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



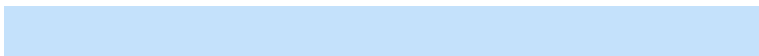
72.2021, 0.3277, 0.3107



72.2021, 0.3485, 0.3569



72.2021, 0.2973, 0.3484



72.2021, 0.2779, 0.3004

Rectangle

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



72.2021, 0.3277, 0.3107



72.2021, 0.3503, 0.3377



72.2021, 0.2973, 0.3484



72.2021, 0.2766, 0.3184

Sweetspot

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



72.2053, 0.3277, 0.3107



93.3304, 0.3163, 0.3243



70.1097, 0.3013, 0.2905



19.7165, 0.3170, 0.3233



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

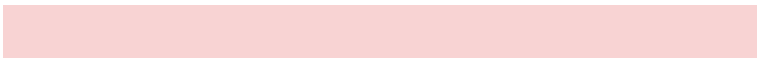
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.2053, 0.3277, 0.3107



72.7010, 0.3314, 0.3067



71.2527, 0.3407, 0.3291



17.3656, 0.3217, 0.3175



11.5461, 0.5024, 0.2542



1.0907, 0.4750, 0.2390

Inverse Universe

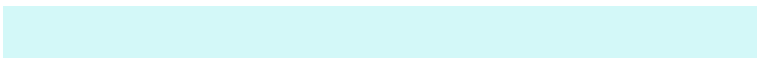
The Inverse Universe completely reimagines the original color for something new.



72.2053, 0.3277, 0.3107



72.7010, 0.3314, 0.3067



87.7805, 0.2900, 0.3289



17.3656, 0.3217, 0.3175



11.5461, 0.5024, 0.2542



1.0907, 0.4750, 0.2390

Previews

White Background



This preview shows how the Yxy color 72.2021, 0.3277, 0.3107 looks on a white background.

Color Contrast Check

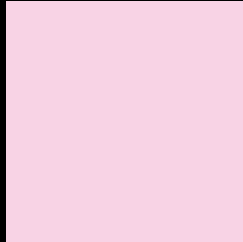
Large Text (above 18pt) WCAG AA × Fail

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 72.2021, 0.3277, 0.3107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

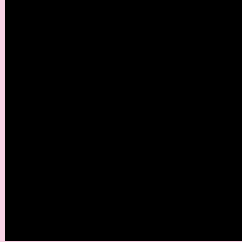
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.2021, 0.3277, 0.3107

Background



This preview shows how black text looks on a background with the Yxy color 72.2021, 0.3277, 0.3107.



This preview shows how white text looks on a background with the Yxy color 72.2021, 0.3277, 0.3107.

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

72.2021, 0.3277, 0.3107

Protanopia

72.4991, 0.3043, 0.3140

Deuteranopia

72.0453, 0.3214, 0.3144



Tritanopia

72.1464, 0.3284, 0.3117

Trichromacy



Original Color

72.2021, 0.3277, 0.3107

Protanomaly

72.4408, 0.3127, 0.3132

Deuteranomaly

72.0672, 0.3237, 0.3135

Tritanomaly

72.1464, 0.3284, 0.3117

Monochromacy



Original Color

72.2021, 0.3277, 0.3107

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.4777, 0.3181, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2021, 0.3277, 0.3107 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(248, 211, 229)` looks like.

```
.text, #text, p{  
    color:rgb(248, 211, 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(248, 211, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 211, 229) }
```

Border

The CSS property to change the border of an element to Yxy 72.2021, 0.3277, 0.3107 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(248, 211, 229) }
```

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

```
.border{ border-color:rgb(248, 211, 229) }
```

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

Here you see how a box with a 4 pixel rgb(248, 211, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 211, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 211, 229);  
box-shadow:4px 4px 4px 4px rgb(248, 211,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 72.2021, 0.3277, 0.3107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 211, 229) }
```

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

```
.background{ background-color: rgb(248,  
211, 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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