

Converting Colors

$Yxy(72.3455, 0.3305, 0.3180)$

Have a look what the booklet for
Yxy(72.3455, 0.3305, 0.3180)
contains.

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Color

Yxy(72.0075, 0.3303, 0.3177)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F6D4DF |
| RGB | 246, 212, 223 |
| RGB Percent | 96%, 83%, 87% |
| CMY | 0.0354, 0.1686, 0.1254 |
| CMYK | 0.00, 0.14, 0.09, 0.04 |
| HSL | 341°, 65%, 90% |
| HSV | 341°, 14%, 96% |
| XYZ | 74.8633, 72.0075, 79.7817 |
| YIQ | 223.4200, 16.7330, 10.6290 |

Conversions

Conversions Part 2

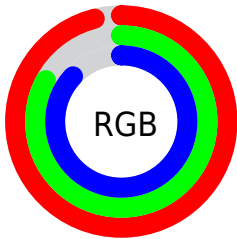
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 246, 212, 223 |
| Decimal | 16176351 |
| CIE Lab | 87.97, 13.60, -1.04 |
| CIE LCh | 88, 13.641, 355.611 |
| Yxy | 72.0075, 0.3303, 0.3177 |
| Android (android.graphics.Color) | 4294366431 (0xFFFF6D4DF) |
| YUV | 223.4200, -0.2071, 19.8027 |
| Hunter-Lab | 84.8572, 8.9773, 3.6564 |

Details

The Yxy color $72.0075, 0.3303, 0.3177$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $85.8886, 0.2978, 0.3406$, and the grayscale version is $74.0995, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.7599, 0.3340, 0.3144$ is the 20% darker color. If you saturate the color by 10%, you get $59.7813, 0.3465, 0.3090$, and if you desaturate by 10%, it is $86.2013, 0.3171, 0.3260$.

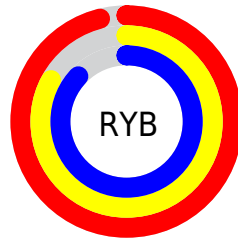
Distribution



Red (96%)

Green (83%)

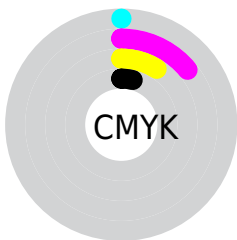
Blue (87%)



Red (96%)

Yellow (83%)

Blue (87%)

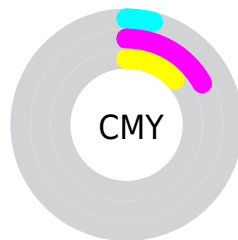


Cyan (0%)

Magenta (14%)

Yellow (9%)

Black (4%)



Cyan (4%)


Magenta (17%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.0075, 0.3303, 0.3177 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 72.0075, 0.3303, 0.3177 by changing the saturation by 10% instead.

 72.0075, 0.3303,
0.3177

 72.0075, 0.3303,
0.3177


467.5677, 0.3222,
0.3229

 53.1648, 0.3322,
0.3165

122.0672, 0.3275,
0.3195

 37.9343, 0.3345,
0.3150


154.0530, 0.3264,
0.3202

 25.9317, 0.3374,
0.3132


191.1886, 0.3254,
0.3208

 16.7726, 0.3412,
0.3107

233.8584, 0.3246,
0.3214

 10.0725, 0.3465,
0.3074

282.4468, 0.3239,
0.3218

 5.4470, 0.3541,
0.3026

337.3383, 0.3232,

 2.5119, 0.3661,

0.3222

0.2951

398.9171, 0.3227,
0.3226

0.8826, 0.3879,
0.2816

0.0000, 1.0000,
0.0000

72.0075, 0.3303,
0.3177

72.0075, 0.3303,
0.3177

59.7813, 0.3465,
0.3090

86.2013, 0.3171,
0.3260

49.4263, 0.3663,
0.3001

98.3275, 0.3072,
0.3290

40.8519, 0.3901,
0.2915

33.9566, 0.4183,
0.2840

■ 28.6281, 0.4504,
0.2785

■ 24.7407, 0.4854,
0.2764

■ 22.1487, 0.5209,
0.2788

■ 20.6750, 0.5538,
0.2861

■ 20.1631, 0.5719,
0.2924

Harmonies

Analogous

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



72.0075, 0.3142, 0.3068



72.0075, 0.3303, 0.3177



72.0075, 0.3418, 0.3316

Triad

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



72.0075, 0.3303, 0.3177



72.0075, 0.3270, 0.3580



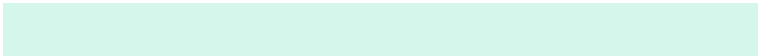
72.0075, 0.2811, 0.3116

Complementary

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



72.0075, 0.3303, 0.3177



85.8886, 0.2978, 0.3406

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.



72.0075, 0.2844, 0.3253



72.0075, 0.3303, 0.3177



72.0075, 0.3106, 0.3527

Square

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



72.0075, 0.3303, 0.3177



72.0075, 0.3398, 0.3551



72.0075, 0.2951, 0.3405



72.0075, 0.2860, 0.3030

Rectangle

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



72.0075, 0.3303, 0.3177



72.0075, 0.3452, 0.3409



72.0075, 0.2951, 0.3405



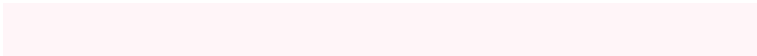
72.0075, 0.2813, 0.3157

Sweetspot

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



72.0107, 0.3303, 0.3177



93.2278, 0.3173, 0.3258



71.3491, 0.3062, 0.2940



19.6905, 0.3182, 0.3252



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

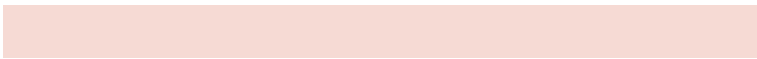
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.0107, 0.3303, 0.3177



73.6470, 0.3352, 0.3149



74.3154, 0.3374, 0.3349



16.5711, 0.3242, 0.3214



10.7880, 0.5676, 0.2900



0.9662, 0.5324, 0.2706

Inverse Universe

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



72.0107, 0.3303, 0.3177



73.6470, 0.3352, 0.3149



83.1547, 0.2915, 0.3230



16.5711, 0.3242, 0.3214



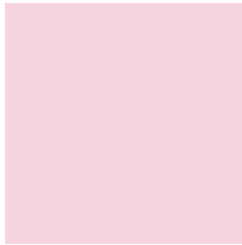
10.7880, 0.5676, 0.2900



0.9662, 0.5324, 0.2706

Previews

White Background



This preview shows how the Yxy color 72.0075, 0.3303, 0.3177 looks on a white background.

Color Contrast Check

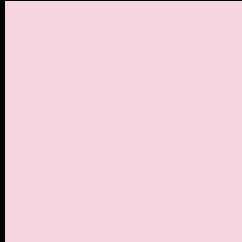
Large Text (above 18pt) WCAG AA × Fail

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 72.0075, 0.3303, 0.3177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

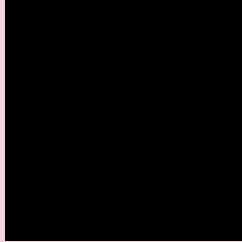
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.0075, 0.3303, 0.3177

Background



This preview shows how black text looks on a background with the Yxy color 72.0075, 0.3303, 0.3177.



This preview shows how white text looks on a background with the Yxy color 72.0075, 0.3303, 0.3177.

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

72.0075, 0.3303, 0.3177

Protanopia

72.4204, 0.3102, 0.3215

Deuteranopia

72.1216, 0.3264, 0.3197



Tritanopia

71.9641, 0.3276, 0.3116

Trichromacy



Original Color

72.0075, 0.3303, 0.3177

Protanomaly

72.1056, 0.3168, 0.3195

Deuteranomaly

71.9709, 0.3280, 0.3187

Tritanomaly

71.8537, 0.3291, 0.3137

Monochromacy



Original Color

72.0075, 0.3303, 0.3177

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.9797, 0.3187, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.0075, 0.3303, 0.3177 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(246, 212, 223)` looks like.

```
.text, #text, p{  
    color:rgb(246, 212, 223)  
}
```

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(246, 212, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 212, 223) }
```

Border

The CSS property to change the border of an element to Yxy 72.0075, 0.3303, 0.3177 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(246, 212, 223) }
```

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

```
.border{ border-color:rgb(246, 212, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 212, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 212, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 212, 223);  
box-shadow:4px 4px 4px 4px rgb(246, 212,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 72.0075, 0.3303, 0.3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 212, 223) }
```

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

```
.background{ background-color: rgb(246,  
212, 223) }
```

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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