

Converting Colors

Yxy(72.6085, 0.3366, 0.3164)

Have a look what the booklet for
Yxy(72.6085, 0.3366, 0.3164)
contains.

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Color

Yxy(72.4917, 0.3366, 0.3159)

Conversions

Conversions Part 1

Format	Color
Hex	FED2DF
RGB	254, 210, 223
RGB Percent	100%, 82%, 87%
CMY	0.0039, 0.1765, 0.1254
CMYK	0.00, 0.17, 0.12, 0.00
HSL	342°, 96%, 91%
HSV	342°, 17%, 100%
XYZ	77.2419, 72.4917, 79.7432
YIQ	224.6380, 22.0510, 13.3710

Conversions

Conversions Part 2

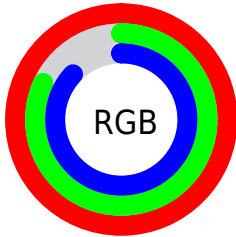
Format	Color
RYB	254, 210, 223
Decimal	16700127
CIELab	88.20, 17.44, -0.61
CIELCh	88, 17.449, 357.983
Yxy	72.4917, 0.3366, 0.3159
Android (android.graphics.Color)	4294890207 (0xFF FED2DF)
YUV	224.6380, -0.8075, 25.7505
Hunter-Lab	85.1421, 12.9387, 4.0690

Details

The Yxy color **72.4917, 0.3366, 0.3159** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.9401, 0.2934, 0.3425**, and the grayscale version is **75.0186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.1402, 0.3423, 0.3122** is the 20% darker color. If you saturate the color by 10%, you get **60.0174, 0.3548, 0.3078**, and if you desaturate by 10%, it is **87.0649, 0.3218, 0.3236**.

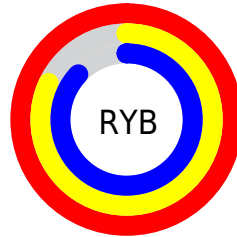
Distribution



Red (100%)

Green (82%)

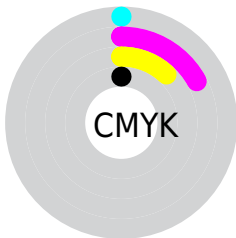
Blue (87%)



Red (100%)

Yellow (82%)

Blue (87%)

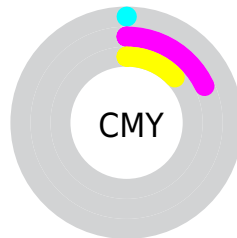


Cyan (0%)

Magenta (17%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.4917, 0.3366, 0.3159 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 72.4917, 0.3366, 0.3159 by changing the saturation by 10% instead.


 72.4917, 0.3366,
0.3159

 72.4917, 0.3366,
0.3159


469.2512, 0.3255,
0.3220

 53.5604, 0.3391,
0.3145


122.7553, 0.3328,
0.3180

 38.2504, 0.3423,
0.3128


154.8565, 0.3313,
0.3188

 26.1771, 0.3462,
0.3106


192.1164, 0.3300,
0.3195

 16.9561, 0.3514,
0.3078

234.9195, 0.3289,
0.3201

 10.2032, 0.3585,
0.3040

283.6501, 0.3279,
0.3207

 5.5339, 0.3688,
0.2984

338.6927, 0.3270,

 2.5638, 0.3850,

0.3212

0.2897

400.4316, 0.3262,
0.3216

0.9085, 0.4142,
0.2741

0.0000, 1.0000,
0.0000

72.4917, 0.3366,
0.3159

72.4917, 0.3366,
0.3159

60.0174, 0.3548,
0.3078

87.0649, 0.3218,
0.3236

49.5356, 0.3770,
0.2997

99.8120, 0.3121,
0.3290

40.9448, 0.4036,
0.2922

34.1310, 0.4348,
0.2859

■ 28.9677, 0.4699,
0.2822

■ 25.3114, 0.5071,
0.2821

■ 22.9937, 0.5433,
0.2866

■ 21.7973, 0.5749,
0.2956

■ 21.5816, 0.5826,
0.2983

Harmonies

Analogous

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



72.4917, 0.3162, 0.3018



72.4917, 0.3366, 0.3159



72.4917, 0.3508, 0.3335

Triad

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



72.4917, 0.3366, 0.3159



72.4917, 0.3293, 0.3661



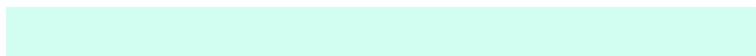
72.4917, 0.2728, 0.3055

Complementary

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



72.4917, 0.3366, 0.3159



90.9401, 0.2934, 0.3425

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.



72.4917, 0.2761, 0.3225



72.4917, 0.3366, 0.3159



72.4917, 0.3082, 0.3586

Square

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



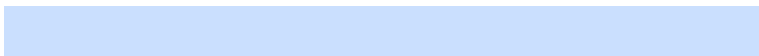
72.4917, 0.3366, 0.3159



72.4917, 0.3463, 0.3629



72.4917, 0.2889, 0.3423



72.4917, 0.2797, 0.2955

Rectangle

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



72.4917, 0.3366, 0.3159



72.4917, 0.3544, 0.3453



72.4917, 0.2889, 0.3423



72.4917, 0.2727, 0.3105

Sweetspot

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



72.4949, 0.3366, 0.3159



91.5683, 0.3188, 0.3254



71.9170, 0.3053, 0.2847



19.3553, 0.3197, 0.3249



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

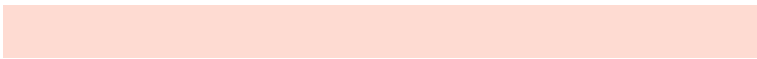
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.4949, 0.3366, 0.3159



68.2681, 0.3429, 0.3130



76.2857, 0.3447, 0.3380



18.0755, 0.3248, 0.3220



11.3998, 0.5784, 0.2960



1.1281, 0.5464, 0.2783

Inverse Universe

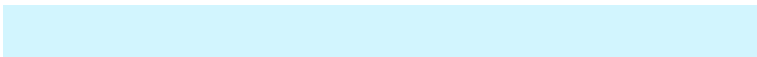
The Inverse Universe completely reimagines the original color for something new.



72.4949, 0.3366, 0.3159



68.2681, 0.3429, 0.3130



86.2874, 0.2860, 0.3198



18.0755, 0.3248, 0.3220



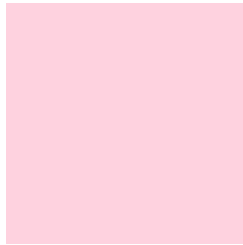
11.3998, 0.5784, 0.2960



1.1281, 0.5464, 0.2783

Previews

White Background



This preview shows how the Yxy color 72.4917, 0.3366, 0.3159 looks on a white background.

Color Contrast Check

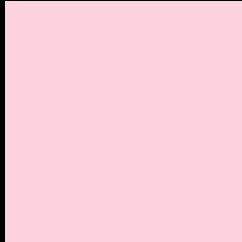
Large Text (above 18pt) WCAG AA × Fail

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 72.4917, 0.3366, 0.3159 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 72.4917, 0.3366, 0.3159

Background



This preview shows how black text looks on a background with the Yxy color 72.4917, 0.3366, 0.3159.



This preview shows how white text looks on a background with the Yxy color 72.4917, 0.3366, 0.3159.

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

72.4917, 0.3366, 0.3159

Protanopia

72.5315, 0.3089, 0.3193

Deuteranopia

72.2443, 0.3279, 0.3207



Tritanopia

72.6550, 0.3344, 0.3129

Trichromacy



Original Color

72.4917, 0.3366, 0.3159

Protanomaly

72.1502, 0.3183, 0.3174

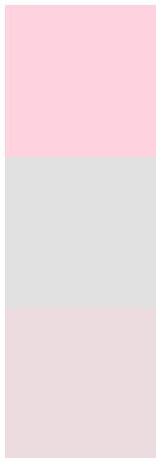
Deuteranomaly

72.4553, 0.3309, 0.3198

Tritanomaly

72.6003, 0.3351, 0.3139

Monochromacy



Original Color

72.4917, 0.3366, 0.3159

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.4011, 0.3215, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4917, 0.3366, 0.3159 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(254, 210, 223)` looks like.

```
.text, #text, p{  
    color:rgb(254, 210, 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(254, 210, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 210, 223) }
```

Border

The CSS property to change the border of an element to Yxy 72.4917, 0.3366, 0.3159 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(254, 210, 223) }
```

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

```
.border{ border-color:rgb(254, 210, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 210, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 210, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 210, 223);  
box-shadow:4px 4px 4px 4px rgb(254, 210,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4917, 0.3366, 0.3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 210, 223) }
```

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

```
.background{ background-color: rgb(254,  
210, 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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